

## **Manitoba Immunization Report**

# **Manitoba Immunization Monitoring System (MIMS)**

## **Annual Report 2006**

**COMMUNICABLE DISEASE CONTROL**

Communicable Disease Control Branch  
Public Health Division  
Manitoba Health and Healthy Living

**Manitoba** 

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## 1. Overview

The Manitoba Immunization Monitoring System (MIMS) is the source of the data in this report. These data reflect immunization service dates up to and including December 31, 2006 and entered into MIMS by April 7, 2007. Immunization records are derived from physician billing claims and from manual entry of public health-provided immunizations.

As per other MIMS annual reports, the following criteria are incorporated into the data analysis:

1. Immunization service dates are based on the calendar year January 1 to December 31, 2006, rather than the fiscal year.
2. Coverage rates by age reflect a client's status on his/her birthday.
3. Coverage reports reflect doses a client has received from birth until his/her selected birthday. For example, coverage at age two selects all children who turn two years of age in the calendar year and assesses these children for recommended vaccines on their birthdays. Doses administered to children after each of their selected birthdays will not be reflected in the coverage report, except for influenza vaccine.
4. Analysis of coverage by continuously versus non-continuously enrolled clients. A client who is considered "continuous" has been registered for Manitoba Health benefits since birth; non-continuously enrolled clients have moved to Manitoba from another jurisdiction, or if born here have moved out of Manitoba and then back again. Note: Immunization coverage reports produced by the Manitoba Centre for Health Policy include only continuously enrolled clients.
5. Complete coverage for select ages, i.e., the client has received all the recommended doses of each antigen recommended for his/her age.
6. Coverage rate by select antigen in order to assess clients who may have received vaccines not available in Manitoba: of particular importance for clients who have moved into Manitoba from another country; also important for tracking coverage rates when the combination vaccines available in Manitoba change.
7. Coverage rate by community area (for Winnipeg RHA only) or by regional health districts (all other RHAs). Regional health authorities will receive electronic copies of these data sets for their region only.
8. First Nations and Inuit Health Branch (FNIHB) versus non-FNIHB population, with this indicator based on client self-identification at the time of enrollment for Manitoba Health benefits (A-code). FNIHB estimates that this indicator represents approximately 65 per cent of the FNIHB population. Audits indicate that gaps exist between immunizations administered to FNIHB clients (as documented on paper records) versus those data entered into MIMS. Coverage rates for FNIHB clients are therefore, in general, likely higher than those generated using MIMS data.
9. Separate dosage by provider type reports from coverage reports. These reports reflect the volume of immunizations delivered by each provider type, based on provider RHA. Their usefulness relates to evaluating staffing or projecting workload by vaccine type. The 2006 report reflects vaccines administered from January 1 to December 31, 2006 and entered into the system by April 7, 2007.

Additional details on the timing and criteria for data inclusion and exclusion are provided in "Description of Criteria for MIMS Annual Reports" (see page 2).



## 2. Description of Criteria for MIMS Annual Reports

### MIMS Dataset Preparation (numerator)

- The MIMS dataset used is a monthly snapshot of the MIMS live database provided by Manitoba Health's Information Services Branch (ISB). For annual reports, the April snapshot following the end of the calendar year is used. As the MIMS dataset is dynamic, each monthly snapshot includes all previously entered data up to the time the output dataset is created.
- The MIMS data is linked to the Manitoba Health registry to access the municipality where the patient resides. This information is used with the MIMS patient postal code to generate the patient RHA. This corresponds to the methodology used to allocate geography in the denominator dataset.
- The MIMS dataset is queried for those records with a service date prior to the end of the calendar year and where the service date is not "00000000" (i.e., unknown, restricted).
- The calendar year and report date are appended to the dataset.
- Patient age is calculated as of his/her birthday within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health.

### Population Dataset (denominator)

- The corporate Manitoba Health population dataset is used.
- The age of the individual is as of his/her birthday within the calendar year.
- The population used is based on the figure for June 1 within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- After 1995-1996, the geographical location of the individual is derived within the corporate system by the Information Systems Branch. It follows the same methodology as used for the MIMS dataset.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health, following the same methodology as for the MIMS dataset.

**NOTE:** MIMS geography is determined as of April following the report year; the population geography is determined as of June 1 during the report year. As a result, coverage rates are occasionally greater than 100 per cent.

## Creation of Reports

### 1. Report 4.1 and 4.2 – Childhood Antigen Reports

- The MIMS subset is queried for the following criteria:
  - Age => 1, 2, 7, 11, and 17 (only where age equals these ages, ex: for one-year-olds, MIMS is queried on the birth date of all children who turn one year of age within the calendar year).
  - Antigens => diphtheria, tetanus, pertussis, measles, mumps, rubella, polio, Hib, varicella, hepatitis B, influenza, MCV, PCV (all tariffs associated with the antigens, currently and historically, are included).
- Immunizations administered throughout the child's lifetime up to and including his/her birthday is kept for coverage reports.
- The data are summarized by id (scrambled PHIN), age, patient location and First Nations status, providing a count of services for each of the antigens for each individual. This allows an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age group.
- This dataset is linked to the population data for the rate calculations. Rates are calculated as follows:

$$\text{Rate}/100 = \frac{\# \text{ of individuals with complete immunization}}{\# \text{ of individuals in population of same age}} \times 100$$

- Antigen-specific coverage calculations: A child must receive three doses of hepatitis B-containing vaccine to be counted in the HBV coverage data at any age. This is for information purposes only, as there is no provincial recommendation for HBV until grade 4.
- Measles coverage: a child must receive one dose of measles-containing vaccine by age two and two doses by age seven. As the requirement for mumps and rubella-containing vaccine is one dose in a lifetime, and MMR vaccine is the common source for two doses of measles antigen, mumps and rubella coverage rates are higher than measles from age seven and up.
- Hib doses are reflected in coverage for children at age one (three doses required), ages two and seven (four doses required). Hib is included for children at age 11 and 17 (four doses) for information only, as there is no provincial recommendation for Hib vaccine once children reach age 11. Hib is therefore not included in "complete for age" requirements for children after the age of seven (doses required = 0).

### 2. Report 4.3 – Coverage by Registration Status

- The MIMS dataset created for the childhood coverage reports is used to perform an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- This MIMS coverage status dataset is linked to the population coverage status data for the rate calculations. Rates are calculated as follows:

$$\text{Rate}/100 = \frac{\# \text{ of individuals}}{\# \text{ of individuals in population of same age}} \times 100$$

### Doses Required to be "Complete for Age"

Antigen	Age				
	1	2	7	11	17
Tetanus	3	4	5	5	6
Diphtheria	3	4	5	5	6
Pertussis	3	4	5	5	6
Polio	2	3	3	3	3
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
HIB	3	4	4	0	0
HBV	0	0	0	3	3
Varicella	0	1	0	0	0
MCV	0	0	0	1	0
PCV	2	3	0	0	0

**NOTE:** For Childhood Antigen and Complete for Age Reports the criteria used to determine complete for age reflect the routine immunization schedule. Reports cannot accommodate clients who are "late starters" and therefore require fewer doses of specific antigens.

**NOTE:** PCV, MCV and V were added to the recommended Manitoba Infant & Childhood Immunization Schedule as of October, 2004. Complete for age reports reflect PCV, MCV and V in the 2006 MIMS Annual Report. Inclusion of these vaccines in the complete for age reports may result in lower rates in 2006 when compared to previous years' rates.

**NOTE:** Required doses for pertussis for age 17 cohort have increased from five required doses (2005) to six required doses (2006) due to the introduction of TDaP in September 2003.

Coverage reports reflect doses administered of all antigens.

#### 3. Report 5 – Childhood Immunization Coverage Reports

- The MIMS subset created for the childhood coverage reports is used, but only those immunizations that occurred within the calendar year are used.

#### 4. Report 6 – Childhood Vaccine Doses Administered

*(Note: This is not a coverage rate report)*

- This report gives a count of the immunizations administered by the different types of providers.
- A query is performed for doses administered for each vaccine by provider type (physicians, Public Health and others), provider location and patient's First Nations status.



## 5. Report 7 – Influenza and Pneumococcal Immunization Coverage Reports

- The initial MIMS subset is queried for the following criteria:

Tariff = Influenza – 8791

Pneumococcal – 8961

- For influenza and pneumococcal polysaccharide immunizations, age data are converted to age groups: 0 to two years, three to 17 years, 18 to 64 years, under 65 high risk, < 65 all and over 65 years.
- For influenza, only those immunizations administered during the calendar year are used for the report.
- For pneumococcal, the data are analyzed twice. The first round includes those immunizations administered during the calendar year. The second round includes all pneumococcal immunizations recorded over time as a cumulative coverage rate.
- A query is performed by id (scrambled PHIN), age group, patient RHA, and First Nations status, providing a count of services for each of the vaccines by id.
- This dataset is linked to population data for the rate calculations. Rates are per 100 individuals. The same age groups are applied to the population data with the under 65 high-risk group defined as 11 per cent of the under 65 population.

## 6. Reports 8 and 9 – Influenza and Pneumococcal Vaccine Doses Administered, by Provider Type

*(Note: not a coverage rate report)*

- The MIMS subset created for the influenza/pneumococcal coverage reports is used.
- A query is performed to obtain doses administered for each vaccine by provider type (physicians, Public Health, and others), reason for immunization, and First Nations status of the patient.

## 7. List of Abbreviations

Pop	Population
Diphth.	Diphtheria
INF	Influenza
Tet	Tetanus
Pert	Pertussis
HIB	Haemophilus influenzae type b
HBV	Hepatitis B
V	Varicella
MCV	Meningococcal conjugate
PCV	Pneumococcal conjugate
DaPTP	Diphtheria, acellular pertussis, tetanus, polio
DaPTP/HIB	Diphtheria, acellular pertussis, tetanus, polio and Haemophilus influenzae type b
MMR	Measles, mumps, rubella
HEPA/B	Hepatitis A and B
TdaP	Tetanus, diphtheria, acellular pertussis

### 3. Acknowledgements

The 2006 MIMS Report is our fifth annual report produced using a standardized methodology to allow year-to-year review of progress against provincial and national immunization coverage goals. With the introduction of a number of new immunization programs in 2004, the bar has been raised even higher to ensure Manitoba's children are immunized "complete for age." We hope the data contained in this report are useful to you in this pursuit.

As always, we welcome your comments and suggestions to make future reports more informative.

Special thanks to:

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Kathleen Messner R.N., B.N.  
MIMS Program Specialist  
Communicable Disease Control Branch  
Public Health Division  
Manitoba Health and Healthy Living

## 4. Childhood Immunization Coverage Reports, January 1 – December 31, 2006

### 4.1 Coverage by Antigen, by Patient Location

- Manitoba
- By RHA

#### Notes:

All vaccines containing each antigen were selected in this report for coverage. For example, "HBV" (hepatitis B vaccine) reflects all doses administered to clients, including those from hepatitis A/B combination vaccine (Twinrix). "Measles" reflects all doses administered to clients of any measles-containing vaccine.

Coverage is based on all doses administered to clients up to and including the selected birth date. Doses administered after the selected birth date will not be reflected in the report. However, these doses will be counted when the child reaches the next selected age milestone.

Rate per 100 children is the calculated coverage rate.

The population is selected based on the client's address, and therefore may not reflect the number of doses administered by a particular provider. For data by provider type, see section 5, "Childhood Vaccine Doses Administered by Provider Type, by Provider Location."

## Childhood Immunization Coverage Data By Patient Location January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
<b>Age 1</b>														
First Nations	2,159	1,301	1,301	1,301	49	49	49	1,772	1,297	10	40	4	1,729	179
Rate per 100 children		60.3	60.3	60.3	2.3	2.3	2.3	82.1	60.1	0.5	1.9	0.2	80.1	8.3
Non-First Nations	12,084	10,135	10,135	10,129	334	323	323	10,975	10,118	131	268	386	10,508	2,438
Rate per 100 children		83.9	83.9	83.8	2.8	2.7	2.7	90.8	83.7	1.1	2.2	3.2	87.0	20.2
Total for 1-year-olds	14,243	11,436	11,436	11,430	383	372	372	12,747	11,415	141	308	390	12,237	2,617
Rate per 100 children		80.3	80.3	80.2	2.7	2.6	2.6	89.5	80.1	1.0	2.2	2.7	85.9	18.4
<b>Age 2</b>														
First Nations	2,050	1,097	1,097	1,097	1,641	1,641	1,641	1,701	1,093	13	1,065	34	1,149	233
Rate per 100 children		53.5	53.5	53.5	80.0	80.0	80.0	83.0	53.3	0.6	52.0	1.7	56.0	11.4
Non-First Nations	11,995	8,856	8,857	8,854	10,329	10,322	10,322	10,562	8,820	223	7,952	753	7,945	3,545
Rate per 100 children		73.8	73.8	73.8	86.1	86.1	86.1	88.1	73.5	1.9	66.3	6.3	66.2	29.6
Total for 2-year-olds	14,045	9,953	9,954	9,951	11,970	11,963	11,963	12,263	9,913	236	9,017	787	9,094	3,778
Rate per 100 children		70.9	70.9	70.9	85.2	85.2	85.2	87.3	70.6	1.7	64.2	5.6	64.7	26.9
<b>Age 7</b>														
First Nations	1,921	1,165	1,165	1,158	1,425	1,838	1,839	1,797	1,315	7	105	3	1	107
Rate per 100 children		60.6	60.6	60.3	74.2	95.7	95.7	93.5	68.5	0.4	5.5	0.2	0.1	5.6
Non-First Nations	13,110	9,550	9,549	9,335	10,394	11,933	11,936	11,506	10,314	471	2,107	308	4	924
Rate per 100 children		72.8	72.8	71.2	79.3	91.0	91.0	87.8	78.7	3.6	16.1	2.3	0.0	7.0
Total for 7-year-olds	15,031	10,715	10,714	10,493	11,819	13,771	13,775	13,303	11,629	478	2,212	311	5	1,031
Rate per 100 children		71.3	71.3	69.8	78.6	91.6	91.6	88.5	77.4	3.2	14.7	2.1	0.0	6.9
<b>Age 11</b>														
First Nations	1,920	1,187	1,187	1,146	1,477	1,845	1,845	1,708	1,264	907	189	1,104	0	92
Rate per 100 children		61.8	61.8	59.7	76.9	96.1	96.1	89.0	65.8	47.2	9.8	57.5	0.0	4.8
Non-First Nations	14,684	11,504	11,511	10,833	12,180	13,364	13,364	13,035	11,644	11,181	1,667	11,613	0	710
Rate per 100 children		78.3	78.4	73.8	82.9	91.0	91.0	88.8	79.3	76.1	11.4	79.1	0.0	4.8
Total for 11-year-olds	16,604	12,691	12,698	11,979	13,657	15,209	15,209	14,743	12,908	12,088	1,856	12,717	0	802
Rate per 100 children		76.4	76.5	72.1	82.3	91.6	91.6	88.8	77.7	72.8	11.2	76.6	0.0	4.8
<b>Age 17</b>														
First Nations	1,778	608	609	459	1,188	1,519	1,623	1,466	8	839	1	307	0	71
Rate per 100 children		34.2	34.3	25.8	66.8	85.4	91.3	82.5	0.4	47.2	0.1	17.3	0.0	4.0
Non-First Nations	15,563	10,416	10,451	8,084	12,968	14,168	14,341	13,980	33	9,715	31	604	0	533
Rate per 100 children		66.9	67.2	51.9	83.3	91.0	92.1	89.8	0.2	62.4	0.2	3.9	0.0	3.4
Total for 17-year-olds	17,341	11,024	11,060	8,543	14,156	15,687	15,964	15,446	41	10,554	32	911	0	604
Rate per 100 children		63.6	63.8	49.3	81.6	90.5	92.1	89.1	0.2	60.9	0.2	5.3	0.0	3.5



# **Childhood Immunization Coverage Data By Patient Location** **January 1 - December 31, 2006**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>10 - Winnipeg</b>														
<b>Age 1</b>														
First Nations	521	338	338	338	13	13	13	444	337	4	10	0	432	97
Rate per 100 children		64.9	64.9	64.9	2.5	2.5	2.5	85.2	64.7	0.8	1.9	0.0	82.9	18.6
Non-First Nations	6,693	5,596	5,596	5,590	185	180	180	6,066	5,586	60	153	304	5,923	1,812
Rate per 100 children		83.6	83.6	83.5	2.8	2.7	2.7	90.6	83.5	0.9	2.3	4.5	88.5	27.1
Total for 1-year-olds	7,214	5,934	5,934	5,928	198	193	193	6,510	5,923	64	163	304	6,355	1,909
Rate per 100 children		82.3	82.3	82.2	2.7	2.7	2.7	90.2	82.1	0.9	2.3	4.2	88.1	26.5
<b>Age 2</b>														
First Nations	464	250	250	250	359	359	359	383	250	5	243	7	277	123
Rate per 100 children		53.9	53.9	53.9	77.4	77.4	77.4	82.5	53.9	1.1	52.4	1.5	59.7	26.5
Non-First Nations	6,621	4,917	4,917	4,915	5,660	5,654	5,654	5,785	4,900	107	4,613	539	4,557	2,439
Rate per 100 children		74.3	74.3	74.2	85.5	85.4	85.4	87.4	74.0	1.6	69.7	8.1	68.8	36.8
Total for 2-year-olds	7,085	5,167	5,167	5,165	6,019	6,013	6,013	6,168	5,150	112	4,856	546	4,834	2,562
Rate per 100 children		72.9	72.9	72.9	85.0	84.9	84.9	87.1	72.7	1.6	68.5	7.7	68.2	36.2
<b>Age 7</b>														
First Nations	425	237	237	236	282	401	402	386	295	3	32	1	1	29
Rate per 100 children		55.8	55.8	55.5	66.4	94.4	94.6	90.8	69.4	0.7	7.5	0.2	0.2	6.8
Non-First Nations	7,218	4,828	4,827	4,670	5,288	6,404	6,405	6,021	5,359	187	1,403	219	2	570
Rate per 100 children		66.9	66.9	64.7	73.3	88.7	88.7	83.4	74.2	2.6	19.4	3.0	0.0	7.9
Total for 7-year-olds	7,643	5,065	5,064	4,906	5,570	6,805	6,807	6,407	5,654	190	1,435	220	3	599
Rate per 100 children		66.3	66.3	64.2	72.9	89.0	89.1	83.8	74.0	2.5	18.8	2.9	0.0	7.8
<b>Age 11</b>														
First Nations	401	249	249	234	291	373	373	357	284	190	27	217	0	17
Rate per 100 children		62.1	62.1	58.4	72.6	93.0	93.0	89.0	70.8	47.4	6.7	54.1	0.0	4.2
Non-First Nations	8,109	6,058	6,062	5,652	6,360	7,149	7,149	6,916	6,214	5,954	852	6,272	0	419
Rate per 100 children		74.7	74.8	69.7	78.4	88.2	88.2	85.3	76.6	73.4	10.5	77.3	0.0	5.2
Total for 11-year-olds	8,510	6,307	6,311	5,886	6,651	7,522	7,522	7,273	6,498	6,144	879	6,489	0	436
Rate per 100 children		74.1	74.2	69.2	78.2	88.4	88.4	85.5	76.4	72.2	10.3	76.3	0.0	5.1
<b>Age 17</b>														
First Nations	351	122	122	75	262	320	332	310	2	163	0	24	0	10
Rate per 100 children		34.8	34.8	21.4	74.6	91.2	94.6	88.3	0.6	46.4	0.0	6.8	0.0	2.8
Non-First Nations	8,601	5,255	5,278	3,862	6,937	7,611	7,724	7,478	18	5,134	17	277	0	294
Rate per 100 children		61.1	61.4	44.9	80.7	88.5	89.8	86.9	0.2	59.7	0.2	3.2	0.0	3.4
Total for 17-year-olds	8,952	5,377	5,400	3,937	7,199	7,931	8,056	7,788	20	5,297	17	301	0	304
Rate per 100 children		60.1	60.3	44.0	80.4	88.6	90.0	87.0	0.2	59.2	0.2	3.4	0.0	3.4

# **Childhood Immunization Coverage Data By Patient Location** **January 1 - December 31, 2006**

	Pop	Diphth.	Tot.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
15 - Brandon														
<b>Age 1</b>														
First Nations	51	30	30	30	1	1	1	40	30	1	2	0	40	2
Rate per 100 children		58.8	58.8	58.8	2.0	2.0	2.0	78.4	58.8	2.0	3.9	0.0	78.4	3.9
Non-First Nations	582	499	499	499	24	22	22	528	499	3	21	4	506	53
Rate per 100 children		85.7	85.7	85.7	4.1	3.8	3.8	90.7	85.7	0.5	3.6	0.7	86.9	9.1
Total for 1-year-olds	633	529	529	529	25	23	23	568	529	4	23	4	546	55
Rate per 100 children		83.6	83.6	83.6	3.9	3.6	3.6	89.7	83.6	0.6	3.6	0.6	86.3	8.7
<b>Age 2</b>														
First Nations	69	43	43	43	59	59	59	57	43	0	46	2	41	10
Rate per 100 children		62.3	62.3	62.3	85.5	85.5	85.5	82.6	62.3	0.0	66.7	2.9	59.4	14.5
Non-First Nations	567	411	411	411	485	485	485	500	410	7	426	22	379	131
Rate per 100 children		72.5	72.5	72.5	85.5	85.5	85.5	88.2	72.3	1.2	75.1	3.9	66.8	23.1
Total for 2-year-olds	636	454	454	454	544	544	544	557	453	7	472	24	420	141
Rate per 100 children		71.4	71.4	71.4	85.5	85.5	85.5	87.6	71.2	1.1	74.2	3.8	66.0	22.2
<b>Age 7</b>														
First Nations	51	28	28	28	38	46	46	45	30	1	6	0	0	1
Rate per 100 children		54.9	54.9	54.9	74.5	90.2	90.2	88.2	58.8	2.0	11.8	0.0	0.0	2.0
Non-First Nations	527	409	409	409	444	488	488	469	431	8	97	5	0	25
Rate per 100 children		77.6	77.6	77.6	84.3	92.6	92.6	89.0	81.8	1.5	18.4	0.9	0.0	4.7
Total for 7-year-olds	578	437	437	437	482	534	534	514	461	9	103	5	0	26
Rate per 100 children		75.6	75.6	75.6	83.4	92.4	92.4	88.9	79.8	1.6	17.8	0.9	0.0	4.5
<b>Age 11</b>														
First Nations	49	36	36	35	39	47	47	46	39	29	3	40	0	0
Rate per 100 children		73.5	73.5	71.4	79.6	95.9	95.9	93.9	79.6	59.2	6.1	81.6	0.0	0.0
Non-First Nations	582	453	453	448	485	511	511	501	455	463	65	491	0	24
Rate per 100 children		77.8	77.8	77.0	83.3	87.8	87.8	86.1	78.2	79.6	11.2	84.4	0.0	4.1
Total for 11-year-olds	631	489	489	483	524	558	558	547	494	492	68	531	0	24
Rate per 100 children		77.5	77.5	76.5	83.0	88.4	88.4	86.7	78.3	78.0	10.8	84.2	0.0	3.8
<b>Age 17</b>														
First Nations	47	22	22	16	36	42	43	38	0	22	0	7	0	0
Rate per 100 children		46.8	46.8	34.0	76.6	89.4	91.5	80.9	0.0	46.8	0.0	14.9	0.0	0.0
Non-First Nations	667	478	480	385	589	617	622	608	2	438	0	17	0	17
Rate per 100 children		71.7	72.0	57.7	88.3	92.5	93.3	91.2	0.3	65.7	0.0	2.5	0.0	2.5
Total for 17-year-olds	714	500	502	401	625	659	665	646	2	460	0	24	0	17
Rate per 100 children		70.0	70.3	56.2	87.5	92.3	93.1	90.5	0.3	64.4	0.0	3.4	0.0	2.4

# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	MM	HBV	V	MCV	PCV	INF
20 - North Eastman														
<b>Age 1</b>														
First Nations	132	94	94	94	4	4	4	119	94	0	3	1	118	13
Rate per 100 children		71.2	71.2	71.2	3.0	3.0	3.0	90.2	71.2	0.0	2.3	0.8	89.4	9.8
Non-First Nations	301	262	262	262	12	12	12	287	262	1	7	7	273	66
Rate per 100 children		87.0	87.0	87.0	4.0	4.0	4.0	95.3	87.0	0.3	2.3	2.3	90.7	21.9
Total for 1-year-olds	433	356	356	356	16	16	16	406	356	1	10	8	391	79
Rate per 100 children		82.2	82.2	82.2	3.7	3.7	3.7	93.8	82.2	0.2	2.3	1.8	90.3	18.2
<b>Age 2</b>														
First Nations	146	92	92	92	126	126	126	127	92	0	93	2	92	9
Rate per 100 children		63.0	63.0	63.0	86.3	86.3	86.3	87.0	63.0	0.0	63.7	1.4	63.0	6.2
Non-First Nations	309	234	234	234	274	274	274	290	234	5	176	17	211	76
Rate per 100 children		75.7	75.7	75.7	88.7	88.7	88.7	93.9	75.7	1.6	57.0	5.5	68.3	24.6
Total for 2-year-olds	455	326	326	326	400	400	400	417	326	5	269	19	303	85
Rate per 100 children		71.6	71.6	71.6	87.9	87.9	87.9	91.6	71.6	1.1	59.1	4.2	66.6	18.7
<b>Age 7</b>														
First Nations	135	75	75	75	96	125	125	121	85	0	7	0	0	10
Rate per 100 children		55.6	55.6	55.6	71.1	92.6	92.6	89.6	63.0	0.0	5.2	0.0	0.0	7.4
Non-First Nations	392	324	324	319	349	382	382	380	335	9	39	5	0	19
Rate per 100 children		82.7	82.7	81.4	89.0	97.4	97.4	96.9	85.5	2.3	9.9	1.3	0.0	4.8
Total for 7-year-olds	527	399	399	394	445	507	507	501	420	9	46	5	0	29
Rate per 100 children		75.7	75.7	74.8	84.4	96.2	96.2	95.1	79.7	1.7	8.7	0.9	0.0	5.5
<b>Age 11</b>														
First Nations	154	88	88	83	114	152	152	142	105	82	26	96	0	7
Rate per 100 children		57.1	57.1	53.9	74.0	98.7	98.7	92.2	68.2	53.2	16.9	62.3	0.0	4.5
Non-First Nations	465	399	398	354	424	448	448	442	397	371	73	387	0	26
Rate per 100 children		85.8	85.6	76.1	91.2	96.3	96.3	95.1	85.4	79.8	15.7	83.2	0.0	5.6
Total for 11-year-olds	619	487	486	437	538	600	600	584	502	453	99	483	0	33
Rate per 100 children		78.7	78.5	70.6	86.9	96.9	96.9	94.3	81.1	73.2	16.0	78.0	0.0	5.3
<b>Age 17</b>														
First Nations	126	54	54	32	89	115	120	110	0	31	1	3	0	6
Rate per 100 children		42.9	42.9	25.4	70.6	91.3	95.2	87.3	0.0	24.6	0.8	2.4	0.0	4.8
Non-First Nations	522	418	419	264	467	495	495	491	3	325	1	12	0	26
Rate per 100 children		80.1	80.3	50.6	89.5	94.8	94.8	94.1	0.6	62.3	0.2	2.3	0.0	5.0
Total for 17-year-olds	648	472	473	296	556	610	615	601	3	356	2	15	0	32
Rate per 100 children		72.8	73.0	45.7	85.8	94.1	94.9	92.7	0.5	54.9	0.3	2.3	0.0	4.9



# **Childhood Immunization Coverage Data By Patient Location** **January 1 - December 31, 2006**

	Pop	Diphth.	Tet.	PerL	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>25 - South Eastman</b>														
<b>Age 1</b>														
First Nations	6	3	3	3	0	0	0	5	3	0	0	0	5	1
Rate per 100 children		50.0	50.0	50.0	0.0	0.0	0.0	83.3	50.0	0.0	0.0	0.0	83.3	16.7
Non-First Nations	908	770	770	770	32	32	32	822	770	17	24	16	782	97
Rate per 100 children		84.8	84.8	84.8	3.5	3.5	3.5	90.5	84.8	1.9	2.6	1.8	86.1	10.7
Total for 1-year-olds	914	773	773	773	32	32	32	827	773	17	24	16	787	98
Rate per 100 children		84.6	84.6	84.6	3.5	3.5	3.5	90.5	84.6	1.9	2.6	1.8	86.1	10.7
<b>Age 2</b>														
First Nations	7	4	4	4	7	7	7	7	4	0	6	0	4	2
Rate per 100 children		57.1	57.1	57.1	100.0	100.0	100.0	100.0	57.1	0.0	85.7	0.0	57.1	28.6
Non-First Nations	851	625	625	625	746	746	746	763	621	31	530	51	561	144
Rate per 100 children		73.4	73.4	73.4	87.7	87.7	87.7	89.7	73.0	3.6	62.3	6.0	65.9	16.9
Total for 2-year-olds	858	629	629	629	753	753	753	770	625	31	536	51	565	146
Rate per 100 children		73.3	73.3	73.3	87.8	87.8	87.8	89.7	72.8	3.6	62.5	5.9	65.9	17.0
<b>Age 7</b>														
First Nations	10	6	6	5	7	8	8	7	7	1	0	0	0	1
Rate per 100 children		60.0	60.0	50.0	70.0	80.0	80.0	70.0	70.0	10.0	0.0	0.0	0.0	10.0
Non-First Nations	921	759	759	735	837	885	886	882	795	101	88	20	1	39
Rate per 100 children		82.4	82.4	79.8	90.9	96.1	96.2	95.8	86.3	11.0	9.6	2.2	0.1	4.2
Total for 7-year-olds	931	765	765	740	844	893	894	889	802	102	88	20	1	40
Rate per 100 children		82.2	82.2	79.5	90.7	95.9	96.0	95.5	86.1	11.0	9.5	2.1	0.1	4.3
<b>Age 11</b>														
First Nations	3	0	0	0	0	2	2	0	0	2	0	1	0	0
Rate per 100 children		0.0	0.0	0.0	0.0	66.7	66.7	0.0	0.0	66.7	0.0	33.3	0.0	0.0
Non-First Nations	1,058	891	891	820	966	1,016	1,015	1,003	863	856	84	834	0	34
Rate per 100 children		84.2	84.2	77.5	91.3	96.0	95.9	94.8	81.6	80.9	7.9	78.8	0.0	3.2
Total for 11-year-olds	1,061	891	891	820	966	1,018	1,017	1,003	863	858	84	835	0	34
Rate per 100 children		84.0	84.0	77.3	91.0	95.9	95.9	94.5	81.3	80.9	7.9	78.7	0.0	3.2
<b>Age 17</b>														
First Nations	10	5	5	4	8	10	10	9	0	3	0	0	0	1
Rate per 100 children		50.0	50.0	40.0	80.0	100.0	100.0	90.0	0.0	30.0	0.0	0.0	0.0	10.0
Non-First Nations	1,029	717	721	551	865	975	979	974	3	586	2	22	0	34
Rate per 100 children		69.7	70.1	53.5	84.1	94.8	95.1	94.7	0.3	56.9	0.2	2.1	0.0	3.3
Total for 17-year-olds	1,039	722	726	555	873	985	989	983	3	589	2	22	0	35
Rate per 100 children		69.5	69.9	53.4	84.0	94.8	95.2	94.6	0.3	56.7	0.2	2.1	0.0	3.4

# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tot.	Part.	Measles	Mumps	Rubella	Polio	HB	HBV	V	MCV	PCV	INF
30 - Interlake														
<b>Age 1</b>														
First Nations	123	68	68	68	3	3	3	95	68	1	2	0	95	14
Rate per 100 children		55.3	55.3	55.3	2.4	2.4	2.4	77.2	55.3	0.8	1.6	0.0	77.2	11.4
Non-First Nations	672	567	567	567	18	18	18	626	567	3	14	14	606	142
Rate per 100 children		84.4	84.4	84.4	2.7	2.7	2.7	93.2	84.4	0.4	2.1	2.1	90.2	21.1
Total for 1-year-olds	795	635	635	635	21	21	21	721	635	4	16	14	701	156
Rate per 100 children		79.9	79.9	79.9	2.6	2.6	2.6	90.7	79.9	0.5	2.0	1.8	88.2	19.6
<b>Age 2</b>														
First Nations	116	52	52	52	69	69	69	92	52	0	34	14	54	7
Rate per 100 children		44.8	44.8	44.8	59.5	59.5	59.5	79.3	44.8	0.0	29.3	12.1	46.6	6.0
Non-First Nations	708	512	512	512	609	609	609	612	511	5	435	35	457	228
Rate per 100 children		72.3	72.3	72.3	86.0	86.0	86.0	86.4	72.2	0.7	61.4	4.9	64.5	32.2
Total for 2-year-olds	824	564	564	564	678	678	678	704	563	5	469	49	511	235
Rate per 100 children		68.4	68.4	68.4	82.3	82.3	82.3	85.4	68.3	0.6	56.9	5.9	62.0	28.5
<b>Age 7</b>														
First Nations	137	75	75	73	85	126	126	127	102	0	4	2	0	5
Rate per 100 children		54.7	54.7	53.3	62.0	92.0	92.0	92.7	74.5	0.0	2.9	1.5	0.0	3.6
Non-First Nations	816	624	624	614	661	748	748	743	669	19	98	15	0	58
Rate per 100 children		76.5	76.5	75.2	81.0	91.7	91.7	91.1	82.0	2.3	12.0	1.8	0.0	7.1
Total for 7-year-olds	953	699	699	687	746	874	874	870	771	19	102	17	0	63
Rate per 100 children		73.3	73.3	72.1	78.3	91.7	91.7	91.3	80.9	2.0	10.7	1.8	0.0	6.6
<b>Age 11</b>														
First Nations	154	114	114	113	123	148	148	144	119	59	13	68	0	7
Rate per 100 children		74.0	74.0	73.4	79.9	96.1	96.1	93.5	77.3	38.3	8.4	44.2	0.0	4.5
Non-First Nations	1,038	822	822	776	868	977	977	951	860	861	138	851	0	44
Rate per 100 children		79.2	79.2	74.8	83.6	94.1	94.1	91.6	82.9	82.9	13.3	82.0	0.0	4.2
Total for 11-year-olds	1,192	936	936	889	991	1,125	1,125	1,095	979	920	151	919	0	51
Rate per 100 children		78.5	78.5	74.6	83.1	94.4	94.4	91.9	82.1	77.2	12.7	77.1	0.0	4.3
<b>Age 17</b>														
First Nations	146	36	36	25	80	117	144	117	2	69	0	20	0	1
Rate per 100 children		24.7	24.7	17.1	54.8	80.1	98.6	80.1	1.4	47.3	0.0	13.7	0.0	0.7
Non-First Nations	1,054	795	799	585	922	981	1,000	984	1	674	2	25	0	26
Rate per 100 children		75.4	75.8	55.5	87.5	93.1	94.9	93.4	0.1	63.9	0.2	2.4	0.0	2.5
Total for 17-year-olds	1,200	831	835	610	1,002	1,098	1,144	1,101	3	743	2	45	0	27
Rate per 100 children		69.3	69.6	50.8	83.5	91.5	95.3	91.8	0.3	61.9	0.2	3.8	0.0	2.3

# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tot.	Port.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
40 - Central														
Age 1														
First Nations	165	73	73	73	3	3	3	112	73	0	2	1	110	10
Rate per 100 children		44.2	44.2	44.2	1.8	1.8	1.8	67.9	44.2	0.0	1.2	0.6	66.7	6.1
Non-First Nations	1,325	1,064	1,064	1,064	27	27	27	1,159	1,062	26	15	19	1,022	107
Rate per 100 children		80.3	80.3	80.3	2.0	2.0	2.0	87.5	80.2	2.0	1.1	1.4	77.1	8.1
Total for 1-year-olds	1,490	1,137	1,137	1,137	30	30	30	1,271	1,135	26	17	20	1,132	117
Rate per 100 children		76.3	76.3	76.3	2.0	2.0	2.0	85.3	76.2	1.7	1.1	1.3	76.0	7.9
Age 2														
First Nations	139	47	47	47	108	108	108	98	47	0	54	1	68	11
Rate per 100 children		33.8	33.8	33.8	77.7	77.7	77.7	70.5	33.8	0.0	38.8	0.7	48.9	7.9
Non-First Nations	1,289	896	897	896	1,068	1,068	1,067	1,104	891	43	666	34	735	205
Rate per 100 children		69.5	69.6	69.5	82.9	82.9	82.8	85.6	69.1	3.3	51.7	2.6	57.0	15.9
Total for 2-year-olds	1,428	943	944	943	1,176	1,176	1,175	1,202	938	43	720	35	803	216
Rate per 100 children		66.0	66.1	66.0	82.4	82.4	82.3	84.2	65.7	3.0	50.4	2.5	56.2	15.1
Age 7														
First Nations	147	95	95	94	124	146	146	145	100	1	1	0	0	12
Rate per 100 children		64.6	64.6	63.9	84.4	99.3	99.3	98.6	68.0	0.7	0.7	0.0	0.0	8.2
Non-First Nations	1,405	1,108	1,108	1,092	1,204	1,295	1,294	1,294	1,150	107	123	10	1	79
Rate per 100 children		78.9	78.9	77.7	85.7	92.2	92.1	92.1	81.9	7.6	8.8	0.7	0.1	5.6
Total for 7-year-olds	1,552	1,203	1,203	1,186	1,328	1,441	1,440	1,439	1,250	108	124	10	1	91
Rate per 100 children		77.5	77.5	76.4	85.6	92.8	92.8	92.7	80.5	7.0	8.0	0.6	0.1	5.9
Age 11														
First Nations	140	65	65	61	113	137	137	109	68	49	10	67	0	4
Rate per 100 children		46.4	46.4	43.6	80.7	97.9	97.9	77.9	48.6	35.0	7.1	47.9	0.0	2.9
Non-First Nations	1,514	1,274	1,276	1,215	1,372	1,449	1,450	1,439	1,242	1,140	174	1,161	0	45
Rate per 100 children		84.1	84.3	80.3	90.6	95.7	95.8	95.0	82.0	75.3	11.5	76.7	0.0	3.0
Total for 11-year-olds	1,654	1,339	1,341	1,276	1,485	1,586	1,587	1,548	1,310	1,189	184	1,228	0	49
Rate per 100 children		81.0	81.1	77.1	89.8	95.9	95.9	93.6	79.2	71.9	11.1	74.2	0.0	3.0
Age 17														
First Nations	129	33	33	29	67	88	93	85	0	52	0	17	0	9
Rate per 100 children		25.6	25.6	22.5	51.9	68.2	72.1	65.9	0.0	40.3	0.0	13.2	0.0	7.0
Non-First Nations	1,508	1,150	1,150	1,027	1,337	1,453	1,457	1,437	0	948	2	34	0	34
Rate per 100 children		76.3	76.3	68.1	88.7	96.4	96.6	95.3	0.0	62.9	0.1	2.3	0.0	2.3
Total for 17-year-olds	1,637	1,183	1,183	1,056	1,404	1,541	1,550	1,522	0	1,000	2	51	0	43
Rate per 100 children		72.3	72.3	64.5	85.8	94.1	94.7	93.0	0.0	61.1	0.1	3.1	0.0	2.6



# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
45 - Assiniboine														
Age 1														
First Nations	88	61	61	61	3	3	3	81	59	0	2	0	80	7
Rate per 100 children		69.3	69.3	69.3	3.4	3.4	3.4	92.0	67.0	0.0	2.3	0.0	90.9	8.0
Non-First Nations	614	535	535	535	11	10	10	567	534	4	9	7	500	48
Rate per 100 children		87.1	87.1	87.1	1.8	1.6	1.6	92.3	87.0	0.7	1.5	1.1	81.4	7.8
Total for 1-year-olds	702	596	596	596	14	13	13	648	593	4	11	7	580	55
Rate per 100 children		84.9	84.9	84.9	2.0	1.9	1.9	92.3	84.5	0.6	1.6	1.0	82.6	7.8
Age 2														
First Nations	77	44	44	44	68	68	68	71	43	0	41	1	49	9
Rate per 100 children		57.1	57.1	57.1	88.3	88.3	88.3	92.2	55.8	0.0	53.2	1.3	63.6	11.7
Non-First Nations	665	520	520	520	603	603	603	613	518	6	418	17	401	100
Rate per 100 children		78.2	78.2	78.2	90.7	90.7	90.7	92.2	77.9	0.9	62.9	2.6	60.3	15.0
Total for 2-year-olds	742	564	564	564	671	671	671	684	561	6	459	18	450	109
Rate per 100 children		76.0	76.0	76.0	90.4	90.4	90.4	92.2	75.6	0.8	61.9	2.4	60.6	14.7
Age 7														
First Nations	66	42	42	42	51	64	64	65	48	0	2	0	0	6
Rate per 100 children		63.6	63.6	63.6	77.3	97.0	97.0	98.5	72.7	0.0	3.0	0.0	0.0	9.1
Non-First Nations	748	626	626	626	668	703	704	696	651	22	112	20	0	45
Rate per 100 children		83.7	83.7	83.7	89.3	94.0	94.1	93.0	87.0	2.9	15.0	2.7	0.0	6.0
Total for 7-year-olds	814	668	668	668	719	767	768	761	699	22	114	20	0	51
Rate per 100 children		82.1	82.1	82.1	88.3	94.2	94.3	93.5	85.9	2.7	14.0	2.5	0.0	6.3
Age 11														
First Nations	86	48	49	46	63	79	79	71	50	51	7	58	0	5
Rate per 100 children		55.8	57.0	53.5	73.3	91.9	91.9	82.6	58.1	59.3	8.1	67.4	0.0	5.8
Non-First Nations	819	710	712	693	739	780	780	770	719	680	111	712	0	40
Rate per 100 children		86.7	86.9	84.6	90.2	95.2	95.2	94.0	87.8	83.0	13.6	86.9	0.0	4.9
Total for 11-year-olds	905	758	761	739	802	859	859	841	769	731	118	770	0	45
Rate per 100 children		83.8	84.1	81.7	88.6	94.9	94.9	92.9	85.0	80.8	13.0	85.1	0.0	5.0
Age 17														
First Nations	70	21	21	18	49	59	66	64	0	41	0	13	0	6
Rate per 100 children		30.0	30.0	25.7	70.0	84.3	94.3	91.4	0.0	58.6	0.0	18.6	0.0	8.6
Non-First Nations	999	784	784	711	817	926	937	919	2	733	3	15	0	36
Rate per 100 children		78.5	78.5	71.2	81.8	92.7	93.8	92.0	0.2	73.4	0.3	1.5	0.0	3.6
Total for 17-year-olds	1,069	805	805	729	866	985	1,003	983	2	774	3	28	0	42
Rate per 100 children		75.3	75.3	68.2	81.0	92.1	93.8	92.0	0.2	72.4	0.3	2.6	0.0	3.9

# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
60 - Parkland														
Age 1														
First Nations	111	90	90	90	3	3	3	104	90	0	2	0	103	1
Rate per 100 children		81.1	81.1	81.1	2.7	2.7	2.7	93.7	81.1	0.0	1.8	0.0	92.8	0.9
Non-First Nations	403	357	357	357	10	9	9	385	355	3	9	6	373	27
Rate per 100 children		88.6	88.6	88.6	2.5	2.2	2.2	95.5	88.1	0.7	2.2	1.5	92.6	6.7
Total for 1-year-olds	514	447	447	447	13	12	12	489	445	3	11	6	476	28
Rate per 100 children		87.0	87.0	87.0	2.5	2.3	2.3	95.1	86.6	0.6	2.1	1.2	92.6	5.4
Age 2														
First Nations	100	68	68	68	86	86	86	91	68	0	71	0	59	5
Rate per 100 children		68.0	68.0	68.0	86.0	86.0	86.0	91.0	68.0	0.0	71.0	0.0	59.0	5.0
Non-First Nations	384	312	312	312	344	343	344	354	312	6	268	22	262	63
Rate per 100 children		81.3	81.3	81.3	89.6	89.3	89.6	92.2	81.3	1.6	69.8	5.7	68.2	16.4
Total for 2-year-olds	484	380	380	380	430	429	430	445	380	6	339	22	321	68
Rate per 100 children		78.5	78.5	78.5	88.8	88.6	88.8	91.9	78.5	1.2	70.0	4.5	66.3	14.0
Age 7														
First Nations	110	85	85	84	98	107	107	107	92	0	18	0	0	0
Rate per 100 children		77.3	77.3	76.4	89.1	97.3	97.3	97.3	83.6	0.0	16.4	0.0	0.0	0.0
Non-First Nations	458	375	375	374	399	432	433	432	399	5	72	7	0	22
Rate per 100 children		81.9	81.9	81.7	87.1	94.3	94.5	94.3	87.1	1.1	15.7	1.5	0.0	4.8
Total for 7-year-olds	568	460	460	458	497	539	540	539	491	5	90	7	0	22
Rate per 100 children		81.0	81.0	80.6	87.5	94.9	95.1	94.9	86.4	0.9	15.8	1.2	0.0	3.9
Age 11														
First Nations	102	85	85	83	95	99	99	95	86	71	29	88	0	5
Rate per 100 children		83.3	83.3	81.4	93.1	97.1	97.1	93.1	84.3	69.6	28.4	86.3	0.0	4.9
Non-First Nations	453	382	382	374	408	424	424	419	389	382	77	398	0	19
Rate per 100 children		84.3	84.3	82.6	90.1	93.6	93.6	92.5	85.9	84.3	17.0	87.9	0.0	4.2
Total for 11-year-olds	555	467	467	457	503	523	523	514	475	453	106	486	0	24
Rate per 100 children		84.1	84.1	82.3	90.6	94.2	94.2	92.6	85.6	81.6	19.1	87.6	0.0	4.3
Age 17														
First Nations	103	60	60	54	84	97	99	95	0	70	0	61	0	2
Rate per 100 children		58.3	58.3	52.4	81.6	94.2	96.1	92.2	0.0	68.0	0.0	59.2	0.0	1.9
Non-First Nations	515	395	395	356	459	497	499	491	2	361	0	59	0	10
Rate per 100 children		76.7	76.7	69.1	89.1	96.5	96.9	95.3	0.4	70.1	0.0	11.5	0.0	1.9
Total for 17-year-olds	618	455	455	410	543	594	598	586	2	431	0	120	0	12
Rate per 100 children		73.6	73.6	66.3	87.9	96.1	96.8	94.8	0.3	69.7	0.0	19.4	0.0	1.9

# **Childhood Immunization Coverage Data By Patient Location** **January 1 - December 31, 2006**

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
70 - Norman														
<b>Age 1</b>														
First Nations	148	109	109	109	5	5	5	136	109	0	6	0	131	3
Rate per 100 children		73.6	73.6	73.6	3.4	3.4	3.4	91.9	73.6	0.0	4.1	0.0	88.5	2.0
Non-First Nations	252	209	209	209	4	4	4	229	209	0	5	4	225	37
Rate per 100 children		82.9	82.9	82.9	1.6	1.6	1.6	90.9	82.9	0.0	2.0	1.6	89.3	14.7
Total for 1-year-olds	400	318	318	318	9	9	9	365	318	0	11	4	356	40
Rate per 100 children		79.5	79.5	79.5	2.3	2.3	2.3	91.3	79.5	0.0	2.8	1.0	89.0	10.0
<b>Age 2</b>														
First Nations	169	97	97	97	141	141	141	143	96	0	98	0	103	12
Rate per 100 children		57.4	57.4	57.4	83.4	83.4	83.4	84.6	56.8	0.0	58.0	0.0	60.9	7.1
Non-First Nations	270	198	198	198	242	242	242	244	197	2	190	11	174	76
Rate per 100 children		73.3	73.3	73.3	89.6	89.6	89.6	90.4	73.0	0.7	70.4	4.1	64.4	28.1
Total for 2-year-olds	439	295	295	295	383	383	383	387	293	2	288	11	277	88
Rate per 100 children		67.2	67.2	67.2	87.2	87.2	87.2	88.2	66.7	0.5	65.6	2.5	63.1	20.0
<b>Age 7</b>														
First Nations	146	122	122	122	130	147	147	145	132	0	2	0	0	10
Rate per 100 children		83.6	83.6	83.6	89.0	100.7	100.7	99.3	90.4	0.0	1.4	0.0	0.0	6.8
Non-First Nations	276	225	225	224	238	263	263	262	248	3	31	2	0	29
Rate per 100 children		81.5	81.5	81.2	86.2	95.3	95.3	94.9	89.9	1.1	11.2	0.7	0.0	10.5
Total for 7-year-olds	422	347	347	346	368	410	410	407	380	3	33	2	0	39
Rate per 100 children		82.2	82.2	82.0	87.2	97.2	97.2	96.4	90.0	0.7	7.8	0.5	0.0	9.2
<b>Age 11</b>														
First Nations	141	107	107	107	122	141	141	136	110	78	13	73	0	11
Rate per 100 children		75.9	75.9	75.9	86.5	100.0	100.0	96.5	78.0	55.3	9.2	51.8	0.0	7.8
Non-First Nations	288	249	249	243	257	276	276	276	253	229	45	244	0	31
Rate per 100 children		86.5	86.5	84.4	89.2	95.8	95.8	95.8	87.8	79.5	15.6	84.7	0.0	10.8
Total for 11-year-olds	429	356	356	350	379	417	417	412	363	307	58	317	0	42
Rate per 100 children		83.0	83.0	81.6	88.3	97.2	97.2	96.0	84.6	71.6	13.5	73.9	0.0	9.8
<b>Age 17</b>														
First Nations	143	63	63	38	124	136	143	132	0	90	0	85	0	10
Rate per 100 children		44.1	44.1	26.6	86.7	95.1	100.0	92.3	0.0	62.9	0.0	59.4	0.0	7.0
Non-First Nations	302	225	225	193	274	286	292	286	1	254	2	111	0	25
Rate per 100 children		74.5	74.5	63.9	90.7	94.7	96.7	94.7	0.3	84.1	0.7	36.8	0.0	8.3
Total for 17-year-olds	445	288	288	231	398	422	435	418	1	344	2	196	0	35
Rate per 100 children		64.7	64.7	51.9	89.4	94.8	97.8	93.9	0.2	77.3	0.4	44.0	0.0	7.9

# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>80 - Burntwood</b>														
<b>Age 1</b>														
First Nations	809	431	431	431	14	14	14	631	430	4	11	2	610	30
Rate per 100 children		53.3	53.3	53.3	1.7	1.7	1.7	78.0	53.2	0.5	1.4	0.2	75.4	3.7
Non-First Nations	317	262	262	262	9	7	7	291	260	11	9	3	283	45
Rate per 100 children		82.6	82.6	82.6	2.8	2.2	2.2	91.8	82.0	3.5	2.8	0.9	89.3	14.2
Total for 1-year-olds	1,126	693	693	693	23	21	21	922	690	15	20	5	893	75
Rate per 100 children		61.5	61.5	61.5	2.0	1.9	1.9	81.9	61.3	1.3	1.8	0.4	79.3	6.7
<b>Age 2</b>														
First Nations	763	400	400	400	618	618	618	632	398	8	379	7	402	45
Rate per 100 children		52.4	52.4	52.4	81.0	81.0	81.0	82.8	52.2	1.0	49.7	0.9	52.7	5.9
Non-First Nations	322	223	223	223	290	290	290	289	218	10	222	5	201	83
Rate per 100 children		69.3	69.3	69.3	90.1	90.1	90.1	89.8	67.7	3.1	68.9	1.6	62.4	25.8
Total for 2-year-olds	1,085	623	623	623	908	908	908	921	616	18	601	12	603	128
Rate per 100 children		57.4	57.4	57.4	83.7	83.7	83.7	84.9	56.8	1.7	55.4	1.1	55.6	11.8
<b>Age 7</b>														
First Nations	693	399	399	398	513	667	667	648	423	1	33	0	0	33
Rate per 100 children		57.6	57.6	57.4	74.0	96.2	96.2	93.5	61.0	0.1	4.8	0.0	0.0	4.8
Non-First Nations	337	263	263	263	297	324	324	318	268	10	41	5	0	37
Rate per 100 children		78.0	78.0	78.0	88.1	96.1	96.1	94.4	79.5	3.0	12.2	1.5	0.0	11.0
Total for 7-year-olds	1,030	662	662	661	810	991	991	966	691	11	74	5	0	70
Rate per 100 children		64.3	64.3	64.2	78.6	96.2	96.2	93.8	67.1	1.1	7.2	0.5	0.0	6.8
<b>Age 11</b>														
First Nations	688	395	394	384	516	666	666	607	403	295	61	395	0	36
Rate per 100 children		57.4	57.3	55.8	75.0	96.8	96.8	88.2	58.6	42.9	8.9	57.4	0.0	5.2
Non-First Nations	343	255	255	247	290	322	322	306	241	234	45	252	0	28
Rate per 100 children		74.3	74.3	72.0	84.5	93.9	93.9	89.2	70.3	68.2	13.1	73.5	0.0	8.2
Total for 11-year-olds	1,031	650	649	631	806	988	988	913	644	529	106	647	0	64
Rate per 100 children		63.0	62.9	61.2	78.2	95.8	95.8	88.6	62.5	51.3	10.3	62.8	0.0	6.2
<b>Age 17</b>														
First Nations	652	192	193	168	388	534	572	505	4	298	0	77	0	26
Rate per 100 children		29.4	29.6	25.8	59.5	81.9	87.7	77.5	0.6	45.7	0.0	11.8	0.0	4.0
Non-First Nations	356	196	197	147	292	318	327	303	1	256	2	32	0	30
Rate per 100 children		55.1	55.3	41.3	82.0	89.3	91.9	85.1	0.3	71.9	0.6	9.0	0.0	8.4
Total for 17-year-olds	1,008	388	390	315	680	852	899	808	5	554	2	109	0	56
Rate per 100 children		38.5	38.7	31.3	67.5	84.5	89.2	80.2	0.5	55.0	0.2	10.8	0.0	5.6



# Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2006

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
90 - Churchill														
<b>Age 1</b>														
First Nations	5	4	4	4	0	0	0	5	4	0	0	0	5	1
Rate per 100 children		80.0	80.0	80.0	0.0	0.0	0.0	100.0	80.0	0.0	0.0	0.0	100.0	20.0
Non-First Nations	17	14	14	14	2	2	2	15	14	3	2	2	15	4
Rate per 100 children		82.4	82.4	82.4	11.8	11.8	11.8	88.2	82.4	17.6	11.8	11.8	88.2	23.5
Total for 1-year-olds	22	18	18	18	2	2	2	20	18	3	2	2	20	5
Rate per 100 children		81.8	81.8	81.8	9.1	9.1	9.1	90.9	81.8	13.6	9.1	9.1	90.9	22.7
<b>Age 2</b>														
Non-First Nations	9	8	8	8	8	8	8	8	8	1	8	0	7	0
Rate per 100 children		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	11.1	88.9	0.0	77.8	0.0
Total for 2-year-olds	9	8	8	8	8	8	8	8	8	1	8	0	7	0
Rate per 100 children		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	11.1	88.9	0.0	77.8	0.0
<b>Age 7</b>														
First Nations	1	1	1	1	1	1	1	1	1	0	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	9	9	9	9	9	9	0	3	0	0	1
Rate per 100 children		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	0.0	25.0	0.0	0.0	8.3
Total for 7-year-olds	13	10	10	10	10	10	10	10	10	0	3	0	0	1
Rate per 100 children		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	0.0	23.1	0.0	0.0	7.7
<b>Age 11</b>														
First Nations	2	0	0	0	1	1	1	1	0	1	0	1	0	0
Rate per 100 children		0.0	0.0	0.0	50.0	50.0	50.0	50.0	0.0	50.0	0.0	50.0	0.0	0.0
Non-First Nations	15	11	11	11	11	12	12	12	11	11	3	11	0	0
Rate per 100 children		73.3	73.3	73.3	73.3	80.0	80.0	80.0	73.3	73.3	20.0	73.3	0.0	0.0
Total for 11-year-olds	17	11	11	11	12	13	13	13	11	12	3	12	0	0
Rate per 100 children		64.7	64.7	64.7	70.6	76.5	76.5	76.5	64.7	70.6	17.6	70.6	0.0	0.0
<b>Age 17</b>														
First Nations	1	0	0	0	1	1	1	1	0	0	0	0	0	0
Rate per 100 children		0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	10	3	3	3	9	9	9	9	0	6	0	0	0	1
Rate per 100 children		30.0	30.0	30.0	90.0	90.0	90.0	90.0	0.0	60.0	0.0	0.0	0.0	10.0
Total for 17-year-olds	11	3	3	3	10	10	10	10	0	6	0	0	0	1
Rate per 100 children		27.3	27.3	27.3	90.9	90.9	90.9	90.9	0.0	54.5	0.0	0.0	0.0	9.1

## 4. Childhood Immunization Coverage Reports, January 1, 2006 – December 31, 2006

### 4.2 Coverage by Antigen, by Patient Age

■ By RHA

#### Notes:

These reports are the same data as in section 4.1, with summary data, by age, provided for each RHA.

## Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

### Age 1

	Pop	Diphth.	Tet.	Perl.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
First Nations	2,159	1,301	1,301	1,301	49	49	49	1,772	1,297	10	40	4	1,729	179
Rate per 100		60.3	60.3	60.3	2.3	2.3	2.3	82.1	60.1	0.5	1.9	0.2	80.1	8.3
Non-First Nations	12,084	10,135	10,135	10,129	334	323	323	10,975	10,118	131	268	386	10,508	2,438
Rate per 100		83.9	83.9	83.8	2.8	2.7	2.7	90.8	83.7	1.1	2.2	3.2	87.0	20.2
All Children	14,243	11,436	11,436	11,430	383	372	372	12,747	11,415	141	308	390	12,237	2,617
Rate per 100		80.3	80.3	80.2	2.7	2.6	2.6	89.5	80.1	1.0	2.2	2.7	85.9	18.4
<b>10 - Winnipeg</b>														
First Nations	521	338	338	338	13	13	13	444	337	4	10	0	432	97
Rate per 100		64.9	64.9	64.9	2.5	2.5	2.5	85.2	64.7	0.8	1.9	0.0	82.9	18.6
Non-First Nations	6,693	5,596	5,596	5,590	185	180	180	6,066	5,586	60	153	304	5,923	1,812
Rate per 100		83.6	83.6	83.5	2.8	2.7	2.7	90.6	83.5	0.9	2.3	4.5	88.5	27.1
All Children	7,214	5,934	5,934	5,928	198	193	193	6,510	5,923	64	163	304	6,355	1,909
Rate per 100		82.3	82.3	82.2	2.7	2.7	2.7	90.2	82.1	0.9	2.3	4.2	88.1	26.5
<b>15 - Brandon</b>														
First Nations	51	30	30	30	1	1	1	40	30	1	2	0	40	2
Rate per 100		58.8	58.8	58.8	2.0	2.0	2.0	78.4	58.8	2.0	3.9	0.0	78.4	3.9
Non-First Nations	582	499	499	499	24	22	22	528	499	3	21	4	506	53
Rate per 100		85.7	85.7	85.7	4.1	3.8	3.8	90.7	85.7	0.5	3.6	0.7	86.9	9.1
All Children	633	529	529	529	25	23	23	568	529	4	23	4	546	55
Rate per 100		83.6	83.6	83.6	3.9	3.6	3.6	89.7	83.6	0.6	3.6	0.6	86.3	8.7
<b>20 - North Eastman</b>														
First Nations	132	94	94	94	4	4	4	119	94	0	3	1	118	13
Rate per 100		71.2	71.2	71.2	3.0	3.0	3.0	90.2	71.2	0.0	2.3	0.8	89.4	9.8
Non-First Nations	301	262	262	262	12	12	12	287	262	1	7	7	273	66
Rate per 100		87.0	87.0	87.0	4.0	4.0	4.0	95.3	87.0	0.3	2.3	2.3	90.7	21.9
All Children	433	356	356	356	16	16	16	406	356	1	10	8	391	79
Rate per 100		82.2	82.2	82.2	3.7	3.7	3.7	93.8	82.2	0.2	2.3	1.8	90.3	18.2
<b>25 - South Eastman</b>														
First Nations	6	3	3	3	0	0	0	5	3	0	0	0	5	1
Rate per 100		50.0	50.0	50.0	0.0	0.0	0.0	83.3	50.0	0.0	0.0	0.0	83.3	16.7
Non-First Nations	908	770	770	770	32	32	32	822	770	17	24	16	782	97
Rate per 100		84.8	84.8	84.8	3.5	3.5	3.5	90.5	84.8	1.9	2.6	1.8	86.1	10.7
All Children	914	773	773	773	32	32	32	827	773	17	24	16	787	98
Rate per 100		84.6	84.6	84.6	3.5	3.5	3.5	90.5	84.6	1.9	2.6	1.8	86.1	10.7
<b>30 - Interlake</b>														
First Nations	123	68	68	68	3	3	3	95	68	1	2	0	95	14
Rate per 100		55.3	55.3	55.3	2.4	2.4	2.4	77.2	55.3	0.8	1.6	0.0	77.2	11.4
Non-First Nations	672	567	567	567	18	18	18	626	567	3	14	14	606	142
Rate per 100		84.4	84.4	84.4	2.7	2.7	2.7	93.2	84.4	0.4	2.1	2.1	90.2	21.1
All Children	795	635	635	635	21	21	21	721	635	4	16	14	701	156
Rate per 100		79.9	79.9	79.9	2.6	2.6	2.6	90.7	79.9	0.5	2.0	1.8	88.2	19.6
<b>40 - Central</b>														
First Nations	165	73	73	73	3	3	3	112	73	0	2	1	110	10
Rate per 100		44.2	44.2	44.2	1.8	1.8	1.8	67.9	44.2	0.0	1.2	0.6	66.7	6.1
Non-First Nations	1,325	1,064	1,064	1,064	27	27	27	1,159	1,062	26	15	19	1,022	107
Rate per 100		80.3	80.3	80.3	2.0	2.0	2.0	87.5	80.2	2.0	1.1	1.4	77.1	8.1
All Children	1,490	1,137	1,137	1,137	30	30	30	1,271	1,135	26	17	20	1,132	117
Rate per 100		76.3	76.3	76.3	2.0	2.0	2.0	85.3	76.2	1.7	1.1	1.3	76.0	7.9

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 1

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	IBB	HBV	V	MCV	PCV	INF
<b>45 - Assiniboine</b>														
First Nations	88	61	61	61	3	3	3	81	59	0	2	0	80	7
Rate per 100		69.3	69.3	69.3	3.4	3.4	3.4	92.0	67.0	0.0	2.3	0.0	90.9	8.0
Non-First Nations	614	535	535	535	11	10	10	567	534	4	9	7	500	48
Rate per 100		87.1	87.1	87.1	1.8	1.6	1.6	92.3	87.0	0.7	1.5	1.1	81.4	7.8
All Children	702	596	596	596	14	13	13	648	593	4	11	7	580	55
Rate per 100		84.9	84.9	84.9	2.0	1.9	1.9	92.3	84.5	0.6	1.6	1.0	82.6	7.8
<b>60 - Parkland</b>														
First Nations	111	90	90	90	3	3	3	104	90	0	2	0	103	1
Rate per 100		81.1	81.1	81.1	2.7	2.7	2.7	93.7	81.1	0.0	1.8	0.0	92.8	0.9
Non-First Nations	403	357	357	357	10	9	9	385	355	3	9	6	373	27
Rate per 100		88.6	88.6	88.6	2.5	2.2	2.2	95.5	88.1	0.7	2.2	1.5	92.6	6.7
All Children	514	447	447	447	13	12	12	489	445	3	11	6	476	28
Rate per 100		87.0	87.0	87.0	2.5	2.3	2.3	95.1	86.6	0.6	2.1	1.2	92.6	5.4
<b>70 - Norman</b>														
First Nations	148	109	109	109	5	5	5	136	109	0	6	0	131	3
Rate per 100		73.6	73.6	73.6	3.4	3.4	3.4	91.9	73.6	0.0	4.1	0.0	88.5	2.0
Non-First Nations	252	209	209	209	4	4	4	229	209	0	5	4	225	37
Rate per 100		82.9	82.9	82.9	1.6	1.6	1.6	90.9	82.9	0.0	2.0	1.6	89.3	14.7
All Children	400	318	318	318	9	9	9	365	318	0	11	4	356	40
Rate per 100		79.5	79.5	79.5	2.3	2.3	2.3	91.3	79.5	0.0	2.8	1.0	89.0	10.0
<b>80 - Burntwood</b>														
First Nations	809	431	431	431	14	14	14	631	430	4	11	2	610	30
Rate per 100		53.3	53.3	53.3	1.7	1.7	1.7	78.0	53.2	0.5	1.4	0.2	75.4	3.7
Non-First Nations	317	262	262	262	9	7	7	291	260	11	9	3	283	45
Rate per 100		82.6	82.6	82.6	2.8	2.2	2.2	91.8	82.0	3.5	2.8	0.9	89.3	14.2
All Children	1,126	693	693	693	23	21	21	922	690	15	20	5	893	75
Rate per 100		61.5	61.5	61.5	2.0	1.9	1.9	81.9	61.3	1.3	1.8	0.4	79.3	6.7
<b>90 - Churchill</b>														
First Nations	5	4	4	4	0	0	0	5	4	0	0	0	5	1
Rate per 100		80.0	80.0	80.0	0.0	0.0	0.0	100.0	80.0	0.0	0.0	0.0	100.0	20.0
Non-First Nations	17	14	14	14	2	2	2	15	14	3	2	2	15	4
Rate per 100		82.4	82.4	82.4	11.8	11.8	11.8	88.2	82.4	17.6	11.8	11.8	88.2	23.5
All Children	22	18	18	18	2	2	2	20	18	3	2	2	20	5
Rate per 100		81.8	81.8	81.8	9.1	9.1	9.1	90.9	81.8	13.6	9.1	9.1	90.9	22.7

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 2

	Pop	Diphth.	Tet.	Part.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
First Nations	2,050	1,097	1,097	1,097	1,641	1,641	1,641	1,701	1,093	13	1,065	34	1,149	233
Rate per 100		53.5	53.5	53.5	80.0	80.0	80.0	83.0	53.3	0.6	52.0	1.7	56.0	11.4
Non-First Nations	11,995	8,856	8,857	8,854	10,329	10,322	10,322	10,562	8,820	223	7,952	753	7,945	3,545
Rate per 100		73.8	73.8	73.8	86.1	86.1	86.1	88.1	73.5	1.9	66.3	6.3	66.2	29.6
All Children	14,045	9,953	9,954	9,951	11,970	11,963	11,963	12,263	9,913	236	9,017	787	9,094	3,778
Rate per 100		70.9	70.9	70.9	85.2	85.2	85.2	87.3	70.6	1.7	64.2	5.6	64.7	26.9
<b>10 - Winnipeg</b>														
First Nations	464	250	250	250	359	359	359	383	250	5	243	7	277	123
Rate per 100		53.9	53.9	53.9	77.4	77.4	77.4	82.5	53.9	1.1	52.4	1.5	59.7	26.5
Non-First Nations	6,621	4,917	4,917	4,915	5,660	5,654	5,654	5,785	4,900	107	4,613	539	4,557	2,439
Rate per 100		74.3	74.3	74.2	85.5	85.4	85.4	87.4	74.0	1.6	69.7	8.1	68.8	36.8
All Children	7,085	5,167	5,167	5,165	6,019	6,013	6,013	6,168	5,150	112	4,856	546	4,834	2,562
Rate per 100		72.9	72.9	72.9	85.0	84.9	84.9	87.1	72.7	1.6	68.5	7.7	68.2	36.2
<b>15 - Brandon</b>														
First Nations	69	43	43	43	59	59	59	57	43	0	46	2	41	10
Rate per 100		62.3	62.3	62.3	85.5	85.5	85.5	82.6	62.3	0.0	66.7	2.9	59.4	14.5
Non-First Nations	567	411	411	411	485	485	485	500	410	7	426	22	379	131
Rate per 100		72.5	72.5	72.5	85.5	85.5	85.5	88.2	72.3	1.2	75.1	3.9	66.8	23.1
All Children	636	454	454	454	544	544	544	557	453	7	472	24	420	141
Rate per 100		71.4	71.4	71.4	85.5	85.5	85.5	87.6	71.2	1.1	74.2	3.8	66.0	22.2
<b>20 - North Eastman</b>														
First Nations	146	92	92	92	126	126	126	127	92	0	93	2	92	9
Rate per 100		63.0	63.0	63.0	86.3	86.3	86.3	87.0	63.0	0.0	63.7	1.4	63.0	6.2
Non-First Nations	309	234	234	234	274	274	274	290	234	5	176	17	211	76
Rate per 100		75.7	75.7	75.7	88.7	88.7	88.7	93.9	75.7	1.6	57.0	5.5	68.3	24.6
All Children	455	326	326	326	400	400	400	417	326	5	269	19	303	85
Rate per 100		71.6	71.6	71.6	87.9	87.9	87.9	91.6	71.6	1.1	59.1	4.2	66.6	18.7
<b>25 - South Eastman</b>														
First Nations	7	4	4	4	7	7	7	7	4	0	6	0	4	2
Rate per 100		57.1	57.1	57.1	100.0	100.0	100.0	100.0	57.1	0.0	85.7	0.0	57.1	28.6
Non-First Nations	851	625	625	625	746	746	746	763	621	31	530	51	561	144
Rate per 100		73.4	73.4	73.4	87.7	87.7	87.7	89.7	73.0	3.6	62.3	6.0	65.9	16.9
All Children	858	629	629	629	753	753	753	770	625	31	536	51	565	146
Rate per 100		73.3	73.3	73.3	87.8	87.8	87.8	89.7	72.8	3.6	62.5	5.9	65.9	17.0
<b>30 - Interlake</b>														
First Nations	116	52	52	52	69	69	69	92	52	0	34	14	54	7
Rate per 100		44.8	44.8	44.8	59.5	59.5	59.5	79.3	44.8	0.0	29.3	12.1	46.6	6.0
Non-First Nations	708	512	512	512	609	609	609	612	511	5	435	35	457	228
Rate per 100		72.3	72.3	72.3	86.0	86.0	86.0	86.4	72.2	0.7	61.4	4.9	64.5	32.2
All Children	824	564	564	564	678	678	678	704	563	5	469	49	511	235
Rate per 100		68.4	68.4	68.4	82.3	82.3	82.3	85.4	68.3	0.6	56.9	5.9	62.0	28.5
<b>40 - Central</b>														
First Nations	139	47	47	47	108	108	108	98	47	0	54	1	68	11
Rate per 100		33.8	33.8	33.8	77.7	77.7	77.7	70.5	33.8	0.0	38.8	0.7	48.9	7.9
Non-First Nations	1,289	896	897	896	1,068	1,068	1,067	1,104	891	43	666	34	735	205
Rate per 100		69.5	69.6	69.5	82.9	82.9	82.8	85.6	69.1	3.3	51.7	2.6	57.0	15.9
All Children	1,428	943	944	943	1,176	1,176	1,175	1,202	938	43	720	35	803	216
Rate per 100		66.0	66.1	66.0	82.4	82.4	82.3	84.2	65.7	3.0	50.4	2.5	56.2	15.1
<b>45 - Assiniboine</b>														
First Nations	77	44	44	44	68	68	68	71	43	0	41	1	49	9
Rate per 100		57.1	57.1	57.1	88.3	88.3	88.3	92.2	55.8	0.0	53.2	1.3	63.6	11.7
Non-First Nations	665	520	520	520	603	603	603	613	518	6	418	17	401	100
Rate per 100		78.2	78.2	78.2	90.7	90.7	90.7	92.2	77.9	0.9	62.9	2.6	60.3	15.0
All Children	742	564	564	564	671	671	671	684	561	6	459	18	450	109
Rate per 100		76.0	76.0	76.0	90.4	90.4	90.4	92.2	75.6	0.8	61.9	2.4	60.6	14.7



# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 2

	Pop	Diphth.	Tet.	PerL	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>60 - Parkland</b>														
First Nations	100	68	68	68	86	86	86	91	68	0	71	0	59	5
Rate per 100		68.0	68.0	68.0	86.0	86.0	86.0	91.0	68.0	0.0	71.0	0.0	59.0	5.0
Non-First Nations	384	312	312	312	344	343	344	354	312	6	268	22	262	63
Rate per 100		81.3	81.3	81.3	89.6	89.3	89.6	92.2	81.3	1.6	69.8	5.7	68.2	16.4
All Children	484	380	380	380	430	429	430	445	380	6	339	22	321	68
Rate per 100		78.5	78.5	78.5	88.8	88.6	88.8	91.9	78.5	1.2	70.0	4.5	66.3	14.0
<b>70 - Norman</b>														
First Nations	169	97	97	97	141	141	141	143	96	0	98	0	103	12
Rate per 100		57.4	57.4	57.4	83.4	83.4	83.4	84.6	56.8	0.0	58.0	0.0	60.9	7.1
Non-First Nations	270	198	198	198	242	242	242	244	197	2	190	11	174	76
Rate per 100		73.3	73.3	73.3	89.6	89.6	89.6	90.4	73.0	0.7	70.4	4.1	64.4	28.1
All Children	439	295	295	295	383	383	383	387	293	2	288	11	277	88
Rate per 100		67.2	67.2	67.2	87.2	87.2	87.2	88.2	66.7	0.5	65.6	2.5	63.1	20.0
<b>80 - Burntwood</b>														
First Nations	763	400	400	400	618	618	618	632	398	8	379	7	402	45
Rate per 100		52.4	52.4	52.4	81.0	81.0	81.0	82.8	52.2	1.0	49.7	0.9	52.7	5.9
Non-First Nations	322	223	223	223	290	290	290	289	218	10	222	5	201	83
Rate per 100		69.3	69.3	69.3	90.1	90.1	90.1	89.8	67.7	3.1	68.9	1.6	62.4	25.8
All Children	1,085	623	623	623	908	908	908	921	616	18	601	12	603	128
Rate per 100		57.4	57.4	57.4	83.7	83.7	83.7	84.9	56.8	1.7	55.4	1.1	55.6	11.8
<b>90 - Churchill</b>														
Non-First Nations	9	8	8	8	8	8	8	8	8	1	8	0	7	0
Rate per 100		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	11.1	88.9	0.0	77.8	0.0
All Children	9	8	8	8	8	8	8	8	8	1	8	0	7	0
Rate per 100		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	11.1	88.9	0.0	77.8	0.0

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

Age 7

	Pop	Diphth.	Tet.	Perl.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
First Nations	1,921	1,165	1,165	1,158	1,425	1,838	1,839	1,797	1,315	7	105	3	1	107
Rate per 100		60.6	60.6	60.3	74.2	95.7	95.7	93.5	68.5	0.4	5.5	0.2	0.1	5.6
Non-First Nations	13,110	9,550	9,549	9,335	10,394	11,933	11,936	11,506	10,314	471	2,107	308	4	924
Rate per 100		72.8	72.8	71.2	79.3	91.0	91.0	87.8	78.7	3.6	16.1	2.3	0.0	7.0
All Children	15,031	10,715	10,714	10,493	11,819	13,771	13,775	13,303	11,629	478	2,212	311	5	1,031
Rate per 100		71.3	71.3	69.8	78.6	91.6	91.6	88.5	77.4	3.2	14.7	2.1	0.0	6.9
<b>10 - Winnipeg</b>														
First Nations	425	237	237	236	282	401	402	386	295	3	32	1	1	29
Rate per 100		55.8	55.8	55.5	66.4	94.4	94.6	90.8	69.4	0.7	7.5	0.2	0.2	6.8
Non-First Nations	7,218	4,828	4,827	4,670	5,288	6,404	6,405	6,021	5,359	187	1,403	219	2	570
Rate per 100		66.9	66.9	64.7	73.3	88.7	88.7	83.4	74.2	2.6	19.4	3.0	0.0	7.9
All Children	7,643	5,065	5,064	4,906	5,570	6,805	6,807	6,407	5,654	190	1,435	220	3	599
Rate per 100		66.3	66.3	64.2	72.9	89.0	89.1	83.8	74.0	2.5	18.8	2.9	0.0	7.8
<b>15 - Brandon</b>														
First Nations	51	28	28	28	38	46	46	45	30	1	6	0	0	1
Rate per 100		54.9	54.9	54.9	74.5	90.2	90.2	88.2	58.8	2.0	11.8	0.0	0.0	2.0
Non-First Nations	527	409	409	409	444	488	488	469	431	8	97	5	0	25
Rate per 100		77.6	77.6	77.6	84.3	92.6	92.6	89.0	81.8	1.5	18.4	0.9	0.0	4.7
All Children	578	437	437	437	482	534	534	514	461	9	103	5	0	26
Rate per 100		75.6	75.6	75.6	83.4	92.4	92.4	88.9	79.8	1.6	17.8	0.9	0.0	4.5
<b>20 - North Eastman</b>														
First Nations	135	75	75	75	96	125	125	121	85	0	7	0	0	10
Rate per 100		55.6	55.6	55.6	71.1	92.6	92.6	89.6	63.0	0.0	5.2	0.0	0.0	7.4
Non-First Nations	392	324	324	319	349	382	382	380	335	9	39	5	0	19
Rate per 100		82.7	82.7	81.4	89.0	97.4	97.4	96.9	85.5	2.3	9.9	1.3	0.0	4.8
All Children	527	399	399	394	445	507	507	501	420	9	46	5	0	29
Rate per 100		75.7	75.7	74.8	84.4	96.2	96.2	95.1	79.7	1.7	8.7	0.9	0.0	5.5
<b>25 - South Eastman</b>														
First Nations	10	6	6	5	7	8	8	7	7	1	0	0	0	1
Rate per 100		60.0	60.0	50.0	70.0	80.0	80.0	70.0	70.0	10.0	0.0	0.0	0.0	10.0
Non-First Nations	921	759	759	735	837	885	886	882	795	101	88	20	1	39
Rate per 100		82.4	82.4	79.8	90.9	96.1	96.2	95.8	86.3	11.0	9.6	2.2	0.1	4.2
All Children	931	765	765	740	844	893	894	889	802	102	88	20	1	40
Rate per 100		82.2	82.2	79.5	90.7	95.9	96.0	95.5	86.1	11.0	9.5	2.1	0.1	4.3
<b>30 - Interlake</b>														
First Nations	137	75	75	73	85	126	126	127	102	0	4	2	0	5
Rate per 100		54.7	54.7	53.3	62.0	92.0	92.0	92.7	74.5	0.0	2.9	1.5	0.0	3.6
Non-First Nations	816	624	624	614	661	748	748	743	669	19	98	15	0	58
Rate per 100		76.5	76.5	75.2	81.0	91.7	91.7	91.1	82.0	2.3	12.0	1.8	0.0	7.1
All Children	953	699	699	687	746	874	874	870	771	19	102	17	0	63
Rate per 100		73.3	73.3	72.1	78.3	91.7	91.7	91.3	80.9	2.0	10.7	1.8	0.0	6.6
<b>40 - Central</b>														
First Nations	147	95	95	94	124	146	146	145	100	1	1	0	0	12
Rate per 100		64.6	64.6	63.9	84.4	99.3	99.3	98.6	68.0	0.7	0.7	0.0	0.0	8.2
Non-First Nations	1,405	1,108	1,108	1,092	1,204	1,295	1,294	1,294	1,150	107	123	10	1	79
Rate per 100		78.9	78.9	77.7	85.7	92.2	92.1	92.1	81.9	7.6	8.8	0.7	0.1	5.6
All Children	1,552	1,203	1,203	1,186	1,328	1,441	1,440	1,439	1,250	108	124	10	1	91
Rate per 100		77.5	77.5	76.4	85.6	92.8	92.8	92.7	80.5	7.0	8.0	0.6	0.1	5.9
<b>45 - Assiniboine</b>														
First Nations	66	42	42	42	51	64	64	65	48	0	2	0	0	6
Rate per 100		63.6	63.6	63.6	77.3	97.0	97.0	98.5	72.7	0.0	3.0	0.0	0.0	9.1
Non-First Nations	748	626	626	626	668	703	704	696	651	22	112	20	0	45
Rate per 100		83.7	83.7	83.7	89.3	94.0	94.1	93.0	87.0	2.9	15.0	2.7	0.0	6.0
All Children	814	668	668	668	719	767	768	761	699	22	114	20	0	51
Rate per 100		82.1	82.1	82.1	88.3	94.2	94.3	93.5	85.9	2.7	14.0	2.5	0.0	6.3

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 7

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>60 - Parkland</b>														
First Nations	110	85	85	84	98	107	107	107	92	0	18	0	0	0
Rate per 100		77.3	77.3	76.4	89.1	97.3	97.3	97.3	83.6	0.0	16.4	0.0	0.0	0.0
Non-First Nations	458	375	375	374	399	432	433	432	399	5	72	7	0	22
Rate per 100		81.9	81.9	81.7	87.1	94.3	94.5	94.3	87.1	1.1	15.7	1.5	0.0	4.8
All Children	568	460	460	458	497	539	540	539	491	5	90	7	0	22
Rate per 100		81.0	81.0	80.6	87.5	94.9	95.1	94.9	86.4	0.9	15.8	1.2	0.0	3.9
<b>70 - Norman</b>														
First Nations	146	122	122	122	130	147	147	145	132	0	2	0	0	10
Rate per 100		83.6	83.6	83.6	89.0	100.7	100.7	99.3	90.4	0.0	1.4	0.0	0.0	6.8
Non-First Nations	276	225	225	224	238	263	263	262	248	3	31	2	0	29
Rate per 100		81.5	81.5	81.2	86.2	95.3	95.3	94.9	89.9	1.1	11.2	0.7	0.0	10.5
All Children	422	347	347	346	368	410	410	407	380	3	33	2	0	39
Rate per 100		82.2	82.2	82.0	87.2	97.2	97.2	96.4	90.0	0.7	7.8	0.5	0.0	9.2
<b>80 - Burntwood</b>														
First Nations	693	399	399	398	513	667	667	648	423	1	33	0	0	33
Rate per 100		57.6	57.6	57.4	74.0	96.2	96.2	93.5	61.0	0.1	4.8	0.0	0.0	4.8
Non-First Nations	337	263	263	263	297	324	324	318	268	10	41	5	0	37
Rate per 100		78.0	78.0	78.0	88.1	96.1	96.1	94.4	79.5	3.0	12.2	1.5	0.0	11.0
All Children	1,030	662	662	661	810	991	991	966	691	11	74	5	0	70
Rate per 100		64.3	64.3	64.2	78.6	96.2	96.2	93.8	67.1	1.1	7.2	0.5	0.0	6.8
<b>90 - Churchill</b>														
First Nations	1	1	1	1	1	1	1	1	1	0	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	9	9	9	9	9	9	0	3	0	0	1
Rate per 100		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	0.0	25.0	0.0	0.0	8.3
All Children	13	10	10	10	10	10	10	10	10	0	3	0	0	1
Rate per 100		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	0.0	23.1	0.0	0.0	7.7

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 11

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
First Nations	1,920	1,187	1,187	1,146	1,477	1,845	1,845	1,708	1,264	907	189	1,104	0	92
Rate per 100		61.8	61.8	59.7	76.9	96.1	96.1	89.0	65.8	47.2	9.8	57.5	0.0	4.8
Non-First Nations	14,684	11,504	11,511	10,833	12,180	13,364	13,364	13,035	11,644	11,181	1,667	11,613	0	710
Rate per 100		78.3	78.4	73.8	82.9	91.0	91.0	88.8	79.3	76.1	11.4	79.1	0.0	4.8
All Children	16,604	12,691	12,698	11,979	13,657	15,209	15,209	14,743	12,908	12,088	1,856	12,717	0	802
Rate per 100		76.4	76.5	72.1	82.3	91.6	91.6	88.8	77.7	72.8	11.2	76.6	0.0	4.8
<b>10 - Winnipeg</b>														
First Nations	401	249	249	234	291	373	373	357	284	190	27	217	0	17
Rate per 100		62.1	62.1	58.4	72.6	93.0	93.0	89.0	70.8	47.4	6.7	54.1	0.0	4.2
Non-First Nations	8,109	6,058	6,062	5,652	6,360	7,149	7,149	6,916	6,214	5,954	852	6,272	0	419
Rate per 100		74.7	74.8	69.7	78.4	88.2	88.2	85.3	76.6	73.4	10.5	77.3	0.0	5.2
All Children	8,510	6,307	6,311	5,886	6,651	7,522	7,522	7,273	6,498	6,144	879	6,489	0	436
Rate per 100		74.1	74.2	69.2	78.2	88.4	88.4	85.5	76.4	72.2	10.3	76.3	0.0	5.1
<b>15 - Brandon</b>														
First Nations	49	36	36	35	39	47	47	46	39	29	3	40	0	0
Rate per 100		73.5	73.5	71.4	79.6	95.9	95.9	93.9	79.6	59.2	6.1	81.6	0.0	0.0
Non-First Nations	582	453	453	448	485	511	511	501	455	463	65	491	0	24
Rate per 100		77.8	77.8	77.0	83.3	87.8	87.8	86.1	78.2	79.6	11.2	84.4	0.0	4.1
All Children	631	489	489	483	524	558	558	547	494	492	68	531	0	24
Rate per 100		77.5	77.5	76.5	83.0	88.4	88.4	86.7	78.3	78.0	10.8	84.2	0.0	3.8
<b>20 - North Eastman</b>														
First Nations	154	88	88	83	114	152	152	142	105	82	26	96	0	7
Rate per 100		57.1	57.1	53.9	74.0	98.7	98.7	92.2	68.2	53.2	16.9	62.3	0.0	4.5
Non-First Nations	465	399	398	354	424	448	448	442	397	371	73	387	0	26
Rate per 100		85.8	85.6	76.1	91.2	96.3	96.3	95.1	85.4	79.8	15.7	83.2	0.0	5.6
All Children	619	487	486	437	538	600	600	584	502	453	99	483	0	33
Rate per 100		78.7	78.5	70.6	86.9	96.9	96.9	94.3	81.1	73.2	16.0	78.0	0.0	5.3
<b>25 - South Eastman</b>														
First Nations	3	0	0	0	0	2	2	0	0	2	0	1	0	0
Rate per 100		0.0	0.0	0.0	0.0	66.7	66.7	0.0	0.0	66.7	0.0	33.3	0.0	0.0
Non-First Nations	1,058	891	891	820	966	1,016	1,015	1,003	863	856	84	834	0	34
Rate per 100		84.2	84.2	77.5	91.3	96.0	95.9	94.8	81.6	80.9	7.9	78.8	0.0	3.2
All Children	1,061	891	891	820	966	1,018	1,017	1,003	863	858	84	835	0	34
Rate per 100		84.0	84.0	77.3	91.0	95.9	95.9	94.5	81.3	80.9	7.9	78.7	0.0	3.2
<b>30 - Interlake</b>														
First Nations	154	114	114	113	123	148	148	144	119	59	13	68	0	7
Rate per 100		74.0	74.0	73.4	79.9	96.1	96.1	93.5	77.3	38.3	8.4	44.2	0.0	4.5
Non-First Nations	1,038	822	822	776	868	977	977	951	860	861	138	851	0	44
Rate per 100		79.2	79.2	74.8	83.6	94.1	94.1	91.6	82.9	82.9	13.3	82.0	0.0	4.2
All Children	1,192	936	936	889	991	1,125	1,125	1,095	979	920	151	919	0	51
Rate per 100		78.5	78.5	74.6	83.1	94.4	94.4	91.9	82.1	77.2	12.7	77.1	0.0	4.3
<b>40 - Central</b>														
First Nations	140	65	65	61	113	137	137	109	68	49	10	67	0	4
Rate per 100		46.4	46.4	43.6	80.7	97.9	97.9	77.9	48.6	35.0	7.1	47.9	0.0	2.9
Non-First Nations	1,514	1,274	1,276	1,215	1,372	1,449	1,450	1,439	1,242	1,140	174	1,161	0	45
Rate per 100		84.1	84.3	80.3	90.6	95.7	95.8	95.0	82.0	75.3	11.5	76.7	0.0	3.0
All Children	1,654	1,339	1,341	1,276	1,485	1,586	1,587	1,548	1,310	1,189	184	1,228	0	49
Rate per 100		81.0	81.1	77.1	89.8	95.9	95.9	93.6	79.2	71.9	11.1	74.2	0.0	3.0
<b>45 - Assiniboine</b>														
First Nations	86	48	49	46	63	79	79	71	50	51	7	58	0	5
Rate per 100		55.8	57.0	53.5	73.3	91.9	91.9	82.6	58.1	59.3	8.1	67.4	0.0	5.8
Non-First Nations	819	710	712	693	739	780	780	770	719	680	111	712	0	40
Rate per 100		86.7	86.9	84.6	90.2	95.2	95.2	94.0	87.8	83.0	13.6	86.9	0.0	4.9
All Children	905	758	761	739	802	859	859	841	769	731	118	770	0	45
Rate per 100		83.8	84.1	81.7	88.6	94.9	94.9	92.9	85.0	80.8	13.0	85.1	0.0	5.0



# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

Age 11

	Pop	Diphth.	Tet.	PerL	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>60 - Parkland</b>														
First Nations Rate per 100	102	85 83.3	85 83.3	83 81.4	95 93.1	99 97.1	99 97.1	95 93.1	86 84.3	71 69.6	29 28.4	88 86.3	0 0.0	5 4.9
Non-First Nations Rate per 100	453	382 84.3	382 84.3	374 82.6	408 90.1	424 93.6	424 93.6	419 92.5	389 85.9	382 84.3	77 17.0	398 87.9	0 0.0	19 4.2
All Children Rate per 100	555	467 84.1	467 84.1	457 82.3	503 90.6	523 94.2	523 94.2	514 92.6	475 85.6	453 81.6	106 19.1	486 87.6	0 0.0	24 4.3
<b>70 - Norman</b>														
First Nations Rate per 100	141	107 75.9	107 75.9	107 75.9	122 86.5	141 100.0	141 100.0	136 96.5	110 78.0	78 55.3	13 9.2	73 51.8	0 0.0	11 7.8
Non-First Nations Rate per 100	288	249 86.5	249 86.5	243 84.4	257 89.2	276 95.8	276 95.8	276 95.8	253 87.8	229 79.5	45 15.6	244 84.7	0 0.0	31 10.8
All Children Rate per 100	429	356 83.0	356 83.0	350 81.6	379 88.3	417 97.2	417 97.2	412 96.0	363 84.6	307 71.6	58 13.5	317 73.9	0 0.0	42 9.8
<b>80 - Burntwood</b>														
First Nations Rate per 100	688	395 57.4	394 57.3	384 55.8	516 75.0	666 96.8	666 96.8	607 88.2	403 58.6	295 42.9	61 8.9	395 57.4	0 0.0	36 5.2
Non-First Nations Rate per 100	343	255 74.3	255 74.3	247 72.0	290 84.5	322 93.9	322 93.9	306 89.2	241 70.3	234 68.2	45 13.1	252 73.5	0 0.0	28 8.2
All Children Rate per 100	1,031	650 63.0	649 62.9	631 61.2	806 78.2	988 95.8	988 95.8	913 88.6	644 62.5	529 51.3	106 10.3	647 62.8	0 0.0	64 6.2
<b>90 - Churchill</b>														
First Nations Rate per 100	2	0 0.0	0 0.0	0 0.0	1 50.0	1 50.0	1 50.0	1 50.0	0 0.0	1 50.0	0 0.0	1 50.0	0 0.0	0 0.0
Non-First Nations Rate per 100	15	11 73.3	11 73.3	11 73.3	11 73.3	12 80.0	12 80.0	12 80.0	11 73.3	11 73.3	3 20.0	11 73.3	0 0.0	0 0.0
All Children Rate per 100	17	11 64.7	11 64.7	11 64.7	12 70.6	13 76.5	13 76.5	13 76.5	11 64.7	12 70.6	3 17.6	12 70.6	0 0.0	0 0.0

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

Age 17

	Pop	Diphth.	Tet.	Part.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>MANITOBA</b>														
First Nations Rate per 100	1,778	608 34.2	609 34.3	459 25.8	1,188 66.8	1,519 85.4	1,623 91.3	1,466 82.5	8 0.4	839 47.2	1 0.1	307 17.3	0 0.0	71 4.0
Non-First Nations Rate per 100	15,563	10,416 66.9	10,451 67.2	8,084 51.9	12,968 83.3	14,168 91.0	14,341 92.1	13,980 89.8	33 0.2	9,715 62.4	31 0.2	604 3.9	0 0.0	533 3.4
All Children Rate per 100	17,341	11,024 63.6	11,060 63.8	8,543 49.3	14,156 81.6	15,687 90.5	15,964 92.1	15,446 89.1	41 0.2	10,554 60.9	32 0.2	911 5.3	0 0.0	604 3.5
<b>10 - Winnipeg</b>														
First Nations Rate per 100	351	122 34.8	122 34.8	75 21.4	262 74.6	320 91.2	332 94.6	310 88.3	2 0.6	163 46.4	0 0.0	24 6.8	0 0.0	10 2.8
Non-First Nations Rate per 100	8,601	5,255 61.1	5,278 61.4	3,862 44.9	6,937 80.7	7,611 88.5	7,724 89.8	7,478 86.9	18 0.2	5,134 59.7	17 0.2	277 3.2	0 0.0	294 3.4
All Children Rate per 100	8,952	5,377 60.1	5,400 60.3	3,937 44.0	7,199 80.4	7,931 88.6	8,056 90.0	7,788 87.0	20 0.2	5,297 59.2	17 0.2	301 3.4	0 0.0	304 3.4
<b>15 - Brandon</b>														
First Nations Rate per 100	47	22 46.8	22 46.8	16 34.0	36 76.6	42 89.4	43 91.5	38 80.9	0 0.0	22 46.8	0 0.0	7 14.9	0 0.0	0 0.0
Non-First Nations Rate per 100	667	478 71.7	480 72.0	385 57.7	589 88.3	617 92.5	622 93.3	608 91.2	2 0.3	438 65.7	0 0.0	17 2.5	0 0.0	17 2.5
All Children Rate per 100	714	500 70.0	502 70.3	401 56.2	625 87.5	659 92.3	665 93.1	646 90.5	2 0.3	460 64.4	0 0.0	24 3.4	0 0.0	17 2.4
<b>20 - North Eastman</b>														
First Nations Rate per 100	126	54 42.9	54 42.9	32 25.4	89 70.6	115 91.3	120 95.2	110 87.3	0 0.0	31 24.6	1 0.8	3 2.4	0 0.0	6 4.8
Non-First Nations Rate per 100	522	418 80.1	419 80.3	264 50.6	467 89.5	495 94.8	495 94.8	491 94.1	3 0.6	325 62.3	1 0.2	12 2.3	0 0.0	26 5.0
All Children Rate per 100	648	472 72.8	473 73.0	296 45.7	556 85.8	610 94.1	615 94.9	601 92.7	3 0.5	356 54.9	2 0.3	15 2.3	0 0.0	32 4.9
<b>25 - South Eastman</b>														
First Nations Rate per 100	10	5 50.0	5 50.0	4 40.0	8 80.0	10 100.0	10 100.0	9 90.0	0 0.0	3 30.0	0 0.0	0 0.0	0 0.0	1 10.0
Non-First Nations Rate per 100	1,029	717 69.7	721 70.1	551 53.5	865 84.1	975 94.8	979 95.1	974 94.7	3 0.3	586 56.9	2 0.2	22 2.1	0 0.0	34 3.3
All Children Rate per 100	1,039	722 69.5	726 69.9	555 53.4	873 84.0	985 94.8	989 95.2	983 94.6	3 0.3	589 56.7	2 0.2	22 2.1	0 0.0	35 3.4
<b>30 - Interlake</b>														
First Nations Rate per 100	146	36 24.7	36 24.7	25 17.1	80 54.8	117 80.1	144 98.6	117 80.1	2 1.4	69 47.3	0 0.0	20 13.7	0 0.0	1 0.7
Non-First Nations Rate per 100	1,054	795 75.4	799 75.8	585 55.5	922 87.5	981 93.1	1,000 94.9	984 93.4	1 0.1	674 63.9	2 0.2	25 2.4	0 0.0	26 2.5
All Children Rate per 100	1,200	831 69.3	835 69.6	610 50.8	1,002 83.5	1,098 91.5	1,144 95.3	1,101 91.8	3 0.3	743 61.9	2 0.2	45 3.8	0 0.0	27 2.3
<b>40 - Central</b>														
First Nations Rate per 100	129	33 25.6	33 25.6	29 22.5	67 51.9	88 68.2	93 72.1	85 65.9	0 0.0	52 40.3	0 0.0	17 13.2	0 0.0	9 7.0
Non-First Nations Rate per 100	1,508	1,150 76.3	1,150 76.3	1,027 68.1	1,337 88.7	1,453 96.4	1,457 96.6	1,437 95.3	0 0.0	948 62.9	2 0.1	34 2.3	0 0.0	34 2.3
All Children Rate per 100	1,637	1,183 72.3	1,183 72.3	1,056 64.5	1,404 85.8	1,541 94.1	1,550 94.7	1,522 93.0	0 0.0	1,000 61.1	2 0.1	51 3.1	0 0.0	43 2.6
<b>45 - Assiniboine</b>														
First Nations Rate per 100	70	21 30.0	21 30.0	18 25.7	49 70.0	59 84.3	66 94.3	64 91.4	0 0.0	41 58.6	0 0.0	13 18.6	0 0.0	6 8.6
Non-First Nations Rate per 100	999	784 78.5	784 78.5	711 71.2	817 81.8	926 92.7	937 93.8	919 92.0	2 0.2	733 73.4	3 0.3	15 1.5	0 0.0	36 3.6
All Children Rate per 100	1,069	805 75.3	805 75.3	729 68.2	866 81.0	985 92.1	1,003 93.8	983 92.0	2 0.2	774 72.4	3 0.3	28 2.6	0 0.0	42 3.9

# Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2006

## Age 17

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	MCV	PCV	INF
<b>60 - Parkland</b>														
First Nations	103	60	60	54	84	97	99	95	0	70	0	61	0	2
Rate per 100		58.3	58.3	52.4	81.6	94.2	96.1	92.2	0.0	68.0	0.0	59.2	0.0	1.9
Non-First Nations	515	395	395	356	459	497	499	491	2	361	0	59	0	10
Rate per 100		76.7	76.7	69.1	89.1	96.5	96.9	95.3	0.4	70.1	0.0	11.5	0.0	1.9
All Children	618	455	455	410	543	594	598	586	2	431	0	120	0	12
Rate per 100		73.6	73.6	66.3	87.9	96.1	96.8	94.8	0.3	69.7	0.0	19.4	0.0	1.9
<b>70 - Norman</b>														
First Nations	143	63	63	38	124	136	143	132	0	90	0	85	0	10
Rate per 100		44.1	44.1	26.6	86.7	95.1	100.0	92.3	0.0	62.9	0.0	59.4	0.0	7.0
Non-First Nations	302	225	225	193	274	286	292	286	1	254	2	111	0	25
Rate per 100		74.5	74.5	63.9	90.7	94.7	96.7	94.7	0.3	84.1	0.7	36.8	0.0	8.3
All Children	445	288	288	231	398	422	435	418	1	344	2	196	0	35
Rate per 100		64.7	64.7	51.9	89.4	94.8	97.8	93.9	0.2	77.3	0.4	44.0	0.0	7.9
<b>80 - Burntwood</b>														
First Nations	652	192	193	168	388	534	572	505	4	298	0	77	0	26
Rate per 100		29.4	29.6	25.8	59.5	81.9	87.7	77.5	0.6	45.7	0.0	11.8	0.0	4.0
Non-First Nations	356	196	197	147	292	318	327	303	1	256	2	32	0	30
Rate per 100		55.1	55.3	41.3	82.0	89.3	91.9	85.1	0.3	71.9	0.6	9.0	0.0	8.4
All Children	1,008	388	390	315	680	852	899	808	5	554	2	109	0	56
Rate per 100		38.5	38.7	31.3	67.5	84.5	89.2	80.2	0.5	55.0	0.2	10.8	0.0	5.6
<b>90 - Churchill</b>														
First Nations	1	0	0	0	1	1	1	1	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	10	3	3	3	9	9	9	9	0	6	0	0	0	1
Rate per 100		30.0	30.0	30.0	90.0	90.0	90.0	90.0	0.0	60.0	0.0	0.0	0.0	10.0
All Children	11	3	3	3	10	10	10	10	0	6	0	0	0	1
Rate per 100		27.3	27.3	27.3	90.9	90.9	90.9	90.9	0.0	54.5	0.0	0.0	0.0	9.1



## 4. Childhood Immunization Coverage Reports, January 1 – December 31, 2006

### 4.3 Coverage Based on Health Registration – Per cent Complete for Age

- Manitoba
- By RHA

#### Notes:

A client considered "Complete for Age" has received all of the doses of each vaccine recommended for his/her age. For vaccines considered in "Complete for Age" see section 2, "Description of Criteria for MIMS Annual Reports."

Continuous Health Registration – reflects clients who have been registered with Manitoba Health for benefits, without interruption, since birth.

Non-continuous Health Registration – reflects clients who, if born in Manitoba moved out for a period and then returned, or clients who were born outside of Manitoba and moved into the province (interrupted health benefit registration).

Coverage rate calculation methods allow for rates that may exceed 100 per cent, particularly when populations are small. This is because the population (i.e., denominator) is assigned using June data within the calendar year, while the MIMS data are from April following the end of the calendar year.

### Childhood Immunization Coverage Report Based on Health Registration January 1 - December 31, 2006

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
MANITOBA										
1	First Nations	2,159	1,283	59.4	2,140	1,276	59.6	19	7	36.8
	Non-First Nations	12,084	9,736	80.6	11,571	9,557	82.6	513	179	34.9
	All 1-year-olds	14,243	11,019	77.4	13,711	10,833	79.0	532	186	35.0
2	First Nations	2,050	586	28.6	2,019	581	28.8	31	5	16.1
	Non-First Nations	11,995	5,736	47.8	11,075	5,588	50.5	920	148	16.1
	All 2-year-olds	14,045	6,322	45.0	13,094	6,169	47.1	951	153	16.1
7	First Nations	1,921	1,043	54.3	1,854	1,019	55.0	67	24	35.8
	Non-First Nations	13,110	8,933	68.1	10,711	8,259	77.1	2,399	674	28.1
	All 7-year-olds	15,031	9,976	66.4	12,565	9,278	73.8	2,466	698	28.3
11	First Nations	1,920	504	26.3	1,827	491	26.9	93	13	14.0
	Non-First Nations	14,684	8,626	58.7	11,704	7,837	67.0	2,980	789	26.5
	All 11-year-olds	16,604	9,130	55.0	13,531	8,328	61.5	3,073	802	26.1
17	First Nations	1,778	240	13.5	1,629	224	13.8	149	16	10.7
	Non-First Nations	15,563	5,761	37.0	11,800	5,085	43.1	3,763	676	18.0
	All 17-year-olds	17,341	6,001	34.6	13,429	5,309	39.5	3,912	692	17.7
10 - Winnipeg										
1	First Nations	521	333	63.9	514	332	64.6	7	1	14.3
	Non-First Nations	6,693	5,462	81.6	6,429	5,401	84.0	264	61	23.1
	All 1-year-olds	7,214	5,795	80.3	6,943	5,733	82.6	271	62	22.9
2	First Nations	464	138	29.7	455	137	30.1	9	1	11.1
	Non-First Nations	6,621	3,377	51.0	6,104	3,313	54.3	517	64	12.4
	All 2-year-olds	7,085	3,515	49.6	6,559	3,450	52.6	526	65	12.4
7	First Nations	425	206	48.5	408	203	49.8	17	3	17.6
	Non-First Nations	7,218	4,402	61.0	5,842	4,210	72.1	1,376	192	14.0
	All 7-year-olds	7,643	4,608	60.3	6,250	4,413	70.6	1,393	195	14.0
11	First Nations	401	103	25.7	369	101	27.4	32	2	6.3
	Non-First Nations	8,109	4,365	53.8	6,416	4,042	63.0	1,693	323	19.1
	All 11-year-olds	8,510	4,468	52.5	6,785	4,143	61.1	1,725	325	18.8
17	First Nations	351	42	12.0	306	40	13.1	45	2	4.4
	Non-First Nations	8,601	2,738	31.8	6,355	2,392	37.6	2,246	346	15.4
	All 17-year-olds	8,952	2,780	31.1	6,661	2,432	36.5	2,291	348	15.2



# Childhood Immunization Coverage Report Based on Health Registration

## January 1 - December 31, 2006

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
15 - Brandon										
1	First Nations	51	30	58.8	50	30	60.0	1	0	0.0
	Non-First Nations	582	480	82.5	545	462	84.8	37	18	48.6
	All 1-year-olds	633	510	80.6	595	492	82.7	38	18	47.4
2	First Nations	69	28	40.6	68	28	41.2	1	0	0.0
	Non-First Nations	567	296	52.2	518	289	55.8	49	7	14.3
	All 2-year-olds	636	324	50.9	586	317	54.1	50	7	14.0
7	First Nations	51	26	51.0	46	26	56.5	5	0	0.0
	Non-First Nations	527	405	76.9	418	352	84.2	109	53	48.6
	All 7-year-olds	578	431	74.6	464	378	81.5	114	53	46.5
11	First Nations	49	22	44.9	43	19	44.2	6	3	50.0
	Non-First Nations	582	392	67.4	420	335	79.8	162	57	35.2
	All 11-year-olds	631	414	65.6	463	354	76.5	168	60	35.7
17	First Nations	47	11	23.4	40	10	25.0	7	1	14.3
	Non-First Nations	667	286	42.9	476	236	49.6	191	50	26.2
	All 17-year-olds	714	297	41.6	516	246	47.7	198	51	25.8
20 - North Eastman										
1	First Nations	132	94	71.2	131	94	71.8	1	0	0.0
	Non-First Nations	301	252	83.7	296	250	84.5	5	2	40.0
	All 1-year-olds	433	346	79.9	427	344	80.6	6	2	33.3
2	First Nations	146	53	36.3	146	53	36.3	0	0	0.0
	Non-First Nations	309	135	43.7	294	133	45.2	15	2	13.3
	All 2-year-olds	455	188	41.3	440	186	42.3	15	2	13.3
7	First Nations	135	68	50.4	131	66	50.4	4	2	50.0
	Non-First Nations	392	309	78.8	354	288	81.4	38	21	55.3
	All 7-year-olds	527	377	71.5	485	354	73.0	42	23	54.8
11	First Nations	154	28	18.2	150	27	18.0	4	1	25.0
	Non-First Nations	465	293	63.0	413	271	65.6	52	22	42.3
	All 11-year-olds	619	321	51.9	563	298	52.9	56	23	41.1
17	First Nations	126	9	7.1	122	9	7.4	4	0	0.0
	Non-First Nations	522	187	35.8	438	163	37.2	84	24	28.6
	All 17-year-olds	648	196	30.2	560	172	30.7	88	24	27.3
25 - South Eastman										
1	First Nations	6	3	50.0	6	3	50.0	0	0	0.0
	Non-First Nations	908	740	81.5	863	725	84.0	45	15	33.3
	All 1-year-olds	914	743	81.3	869	728	83.8	45	15	33.3
2	First Nations	7	3	42.9	7	3	42.9	0	0	0.0
	Non-First Nations	851	378	44.4	784	365	46.6	67	13	19.4
	All 2-year-olds	858	381	44.4	791	368	46.5	67	13	19.4
7	First Nations	10	5	50.0	8	5	62.5	2	0	0.0
	Non-First Nations	921	708	76.9	689	588	85.3	232	120	51.7
	All 7-year-olds	931	713	76.6	697	593	85.1	234	120	51.3
11	First Nations	3	0	0.0	3	0	0.0	0	0	0.0
	Non-First Nations	1,058	674	63.7	794	584	73.6	264	90	34.1
	All 11-year-olds	1,061	674	63.5	797	584	73.3	264	90	34.1
17	First Nations	10	1	10.0	8	1	12.5	2	0	0.0
	Non-First Nations	1,029	343	33.3	754	304	40.3	275	39	14.2
	All 17-year-olds	1,039	344	33.1	762	305	40.0	277	39	14.1
30 - Interlake										
1	First Nations	123	68	55.3	122	68	55.7	1	0	0.0
	Non-First Nations	672	552	82.1	656	545	83.1	16	7	43.8
	All 1-year-olds	795	620	78.0	778	613	78.8	17	7	41.2
2	First Nations	116	20	17.2	115	20	17.4	1	0	0.0
	Non-First Nations	708	315	44.5	665	307	46.2	43	8	18.6
	All 2-year-olds	824	335	40.7	780	327	41.9	44	8	18.2
7	First Nations	137	68	49.6	129	67	51.9	8	1	12.5
	Non-First Nations	816	586	71.8	712	554	77.8	104	32	30.8
	All 7-year-olds	953	654	68.6	841	621	73.8	112	33	29.5
11	First Nations	154	40	26.0	149	40	26.8	5	0	0.0
	Non-First Nations	1,038	645	62.1	889	608	68.4	149	37	24.8
	All 11-year-olds	1,192	685	57.5	1,038	648	62.4	154	37	24.0
17	First Nations	146	10	6.8	136	9	6.6	10	1	10.0
	Non-First Nations	1,054	399	37.9	879	374	42.5	175	25	14.3
	All 17-year-olds	1,200	409	34.1	1,015	383	37.7	185	26	14.1

# Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2006

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
40 - Central										
1	First Nations	165	73	44.2	165	73	44.2	0	0	0.0
	Non-First Nations	1,325	952	71.8	1,261	933	74.0	64	19	29.7
	All 1-year-olds	1,490	1,025	68.8	1,426	1,006	70.5	64	19	29.7
2	First Nations	139	24	17.3	137	23	16.8	2	1	50.0
	Non-First Nations	1,289	479	37.2	1,186	463	39.0	103	16	15.5
	All 2-year-olds	1,428	503	35.2	1,323	486	36.7	105	17	16.2
7	First Nations	147	88	59.9	144	85	59.0	3	3	100.0
	Non-First Nations	1,405	1,051	74.8	1,144	951	83.1	261	100	38.3
	All 7-year-olds	1,552	1,139	73.4	1,288	1,036	80.4	264	103	39.0
11	First Nations	140	30	21.4	136	29	21.3	4	1	25.0
	Non-First Nations	1,514	949	62.7	1,187	826	69.6	327	123	37.6
	All 11-year-olds	1,654	979	59.2	1,323	855	64.6	331	124	37.5
17	First Nations	129	15	11.6	117	11	9.4	12	4	33.3
	Non-First Nations	1,508	705	46.8	1,183	631	53.3	325	74	22.8
	All 17-year-olds	1,637	720	44.0	1,300	642	49.4	337	78	23.1
45 - Assiniboine										
1	First Nations	88	58	65.9	85	55	64.7	3	3	100.0
	Non-First Nations	614	479	78.0	577	456	79.0	37	23	62.2
	All 1-year-olds	702	537	76.5	662	511	77.2	40	26	65.0
2	First Nations	77	17	22.1	72	14	19.4	5	3	60.0
	Non-First Nations	665	290	43.6	614	276	45.0	51	14	27.5
	All 2-year-olds	742	307	41.4	686	290	42.3	56	17	30.4
7	First Nations	66	40	60.6	59	38	64.4	7	2	28.6
	Non-First Nations	748	622	83.2	635	564	88.8	113	58	51.3
	All 7-year-olds	814	662	81.3	694	602	86.7	120	60	50.0
11	First Nations	86	22	25.6	72	19	26.4	14	3	21.4
	Non-First Nations	819	597	72.9	686	542	79.0	133	55	41.4
	All 11-year-olds	905	619	68.4	758	561	74.0	147	58	39.5
17	First Nations	70	12	17.1	48	12	25.0	22	0	0.0
	Non-First Nations	999	539	54.0	811	497	61.3	188	42	22.3
	All 17-year-olds	1,069	551	51.5	859	509	59.3	210	42	20.0
60 - Parkland										
1	First Nations	111	90	81.1	108	88	81.5	3	2	66.7
	Non-First Nations	403	345	85.6	389	335	86.1	14	10	71.4
	All 1-year-olds	514	435	84.6	497	423	85.1	17	12	70.6
2	First Nations	100	40	40.0	98	40	40.8	2	0	0.0
	Non-First Nations	384	196	51.0	355	184	51.8	29	12	41.4
	All 2-year-olds	484	236	48.8	453	224	49.4	31	12	38.7
7	First Nations	110	84	76.4	105	80	76.2	5	4	80.0
	Non-First Nations	458	368	80.3	386	324	83.9	72	44	61.1
	All 7-year-olds	568	452	79.6	491	404	82.3	77	48	62.3
11	First Nations	102	59	57.8	94	57	60.6	8	2	25.0
	Non-First Nations	453	334	73.7	368	299	81.3	85	35	41.2
	All 11-year-olds	555	393	70.8	462	356	77.1	93	37	39.8
17	First Nations	103	38	36.9	90	36	40.0	13	2	15.4
	Non-First Nations	515	272	52.8	402	244	60.7	113	28	24.8
	All 17-year-olds	618	310	50.2	492	280	56.9	126	30	23.8
70 - Norman										
1	First Nations	148	106	71.6	146	105	71.9	2	1	50.0
	Non-First Nations	252	205	81.3	238	196	82.4	14	9	64.3
	All 1-year-olds	400	311	77.8	384	301	78.4	16	10	62.5
2	First Nations	169	58	34.3	162	58	35.8	7	0	0.0
	Non-First Nations	270	123	45.6	247	115	46.6	23	8	34.8
	All 2-year-olds	439	181	41.2	409	173	42.3	30	8	26.7
7	First Nations	146	119	81.5	138	113	81.9	8	6	75.0
	Non-First Nations	276	222	80.4	235	194	82.6	41	28	68.3
	All 7-year-olds	422	341	80.8	373	307	82.3	49	34	69.4
11	First Nations	141	46	32.6	133	46	34.6	8	0	0.0
	Non-First Nations	288	204	70.8	231	174	75.3	57	30	52.6
	All 11-year-olds	429	250	58.3	364	220	60.4	65	30	46.2
17	First Nations	143	32	22.4	133	28	21.1	10	4	40.0
	Non-First Nations	302	177	58.6	219	145	66.2	83	32	38.6
	All 17-year-olds	445	209	47.0	352	173	49.1	93	36	38.7

# **Childhood Immunization Coverage Report Based on Health Registration** **January 1 - December 31, 2006**

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
80 - Burntwood										
1	First Nations	809	424	52.4	808	424	52.5	1	0	0.0
	Non-First Nations	317	255	80.4	303	242	79.9	14	13	92.9
	All 1-year-olds	1,126	679	60.3	1,111	666	59.9	15	13	86.7
2	First Nations	763	205	26.9	759	205	27.0	4	0	0.0
	Non-First Nations	322	140	43.5	300	136	45.3	22	4	18.2
	All 2-year-olds	1,085	345	31.8	1,059	341	32.2	26	4	15.4
7	First Nations	693	338	48.8	685	335	48.9	8	3	37.5
	Non-First Nations	337	251	74.5	288	226	78.5	49	25	51.0
	All 7-year-olds	1,030	589	57.2	973	561	57.7	57	28	49.1
11	First Nations	688	154	22.4	676	153	22.6	12	1	8.3
	Non-First Nations	343	165	48.1	289	149	51.6	54	16	29.6
	All 11-year-olds	1,031	319	30.9	965	302	31.3	66	17	25.8
17	First Nations	652	70	10.7	629	68	10.8	23	2	8.7
	Non-First Nations	356	113	31.7	278	97	34.9	78	16	20.5
	All 17-year-olds	1,008	183	18.2	907	165	18.2	101	18	17.8
90 - Churchill										
1	First Nations	5	4	80.0	5	4	80.0	0	0	0.0
	Non-First Nations	17	14	82.4	14	12	85.7	3	2	66.7
	All 1-year-olds	22	18	81.8	19	16	84.2	3	2	66.7
2	Non-First Nations	9	7	77.8	8	7	87.5	1	0	0.0
	All 2-year-olds	9	7	77.8	8	7	87.5	1	0	0.0
7	First Nations	1	1	100.0	1	1	100.0	0	0	0.0
	Non-First Nations	12	9	75.0	8	8	100.0	4	1	25.0
	All 7-year-olds	13	10	76.9	9	9	100.0	4	1	25.0
11	First Nations	2	0	0.0	2	0	0.0	0	0	0.0
	Non-First Nations	15	8	53.3	11	7	63.6	4	1	25.0
	All 11-year-olds	17	8	47.1	13	7	53.8	4	1	25.0
17	First Nations	1	0	0.0	0	0		1	0	0.0
	Non-First Nations	10	2	20.0	5	2	40.0	5	0	0.0
	All 17-year-olds	11	2	18.2	5	2	40.0	6	0	0.0



## 5. Childhood Immunization Coverage Reports, Complete for Age Based on Health Registration – Summary: 2002 - 2006

### Notes:

The methodology for defining "complete for age" was refined in the 2004 MIMS annual report. For this reason, data presented here for 2002 and 2003 may not mirror the corresponding annual reports. This difference reflects the inclusion of the requirement for three doses of hepatitis B vaccine for children at age 11.

Data collection methodology has changed in recent years making duplication of data from previous years challenging. As a result, data published in previous annual reports has been copied and inserted into this report for consistent comparison purposes.

### Childhood Immunization Coverage Report 2002-2006 Complete for Age (CFA) based on Health Registration

Age	2002 Health Registration			2003 Health Registration			2004 Health Registration			2005 Health Registration			2006 Health Registration		
	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous
<b>MANITOBA</b>															
1 CFA	11,778	11,481	297	11,733	11,458	275	11,857	11,576	281	11,024	10,830	194	11,019	10,833	186
Population	14,113	13,527	586	13,987	13,404	583	14,138	13,509	629	13,952	13,423	529	14,243	13,711	532
Rate per 100	83.5	84.9	50.7	83.9	85.5	47.2	83.9	85.7	44.7	79.0	80.7	36.7	77.4	79.0	35.0
2 CFA	10,346	10,089	257	10,364	10,039	325	10,372	10,069	303	9,314	9,058	256	6,322	6,169	153
Population	14,273	13,428	845	14,270	13,275	995	14,208	13,205	1,003	14,216	13,218	998	14,045	13,094	951
Rate per 100	72.5	75.1	30.4	72.6	75.6	32.7	73.0	76.3	30.2	65.5	68.5	25.7	45.0	47.1	16.1
7 CFA	11,283	10,447	836	10,741	9,974	767	9,874	9,245	629	9,536	8,954	582	9,976	9,278	698
Population	16,293	14,177	2,116	15,715	13,489	2,226	15,141	12,811	2,330	15,039	12,749	2,290	15,031	12,565	2,466
Rate per 100	69.3	73.7	39.5	68.3	73.9	34.5	65.2	72.2	27.0	63.4	70.2	25.4	66.4	73.8	28.3
11 CFA	9,395	8,372	1,023	9,627	8,552	1,075	10,050	9,029	1,021	9,821	8,933	888	9,130	8,328	802
Population	17,299	14,291	3,008	16,665	13,677	2,988	16,995	13,782	3,213	16,892	13,747	3,145	16,604	13,531	3,073
Rate per 100	54.3	58.6	34.0	57.8	62.5	36.0	59.1	65.5	31.8	58.1	65.0	28.2	55.0	61.5	26.1
17 CFA	8,119	6,992	1,127	8,118	7,060	1,058	8,713	7,647	1,066	8,998	7,861	1,137	6,001	5,309	692
Population	16,694	12,920	3,774	16,732	12,956	3,776	16,710	12,953	3,757	16,819	12,952	3,867	17,341	13,429	3,912
Rate per 100	48.6	54.1	29.9	48.5	54.5	28.0	52.1	59.0	28.4	53.5	60.7	29.4	34.6	39.5	17.7
<b>10 - WINNIPEG</b>															
1 CFA	6,356	6,247	109	6,150	6,047	103	6,137	6,050	87	5,735	5,680	55	5,795	5,733	62
Population	7,413	7,099	314	7,228	6,899	329	7,231	6,902	329	7,103	6,810	293	7,214	6,943	271
Rate per 100	85.7	88.0	34.7	85.1	87.7	31.3	84.9	87.7	26.4	80.7	83.4	18.8	80.3	82.6	22.9
2 CFA	5,617	5,522	95	5,471	5,373	98	5,376	5,279	97	4,822	4,743	79	3,515	3,450	65
Population	7,473	7,001	472	7,454	6,929	525	7,266	6,702	564	7,167	6,617	550	7,085	6,559	526
Rate per 100	75.2	78.9	20.1	73.4	77.5	18.7	74.0	78.8	17.2	67.3	71.7	14.4	49.6	52.6	12.4
7 CFA	5,725	5,335	390	5,513	5,176	337	4,673	4,490	183	4,295	4,143	152	4,608	4,413	195
Population	8,524	7,307	1,217	8,296	7,010	1,286	7,795	6,487	1,308	7,571	6,254	1,317	7,643	6,250	1,393
Rate per 100	67.2	73.0	32.0	66.5	73.8	26.2	59.9	69.2	14.0	56.7	66.2	11.5	60.3	70.6	14.0
11 CFA	4,945	4,377	568	5,086	4,527	559	5,107	4,604	503	5,107	4,694	413	4,468	4,143	325
Population	8,819	7,094	1,725	8,681	6,995	1,686	8,663	6,831	1,832	8,723	6,933	1,790	8,510	6,785	1,725
Rate per 100	56.1	61.7	32.9	58.6	64.7	33.2	59.0	67.4	27.5	58.5	67.7	23.1	52.5	61.1	18.8
17 CFA	3,666	3,055	611	3,717	3,166	551	4,156	3,586	570	4,354	3,758	596	2,780	2,432	348
Population	8,531	6,206	2,325	8,560	6,302	2,258	8,620	6,359	2,261	8,698	6,405	2,293	8,952	6,661	2,291
Rate per 100	43.0	49.2	26.3	43.4	50.2	24.4	48.2	56.4	25.2	50.1	58.7	26.0	31.1	36.5	15.2
<b>15 - BRANDON</b>															
1 CFA	486	467	19	510	493	17	535	521	14	542	529	13	510	492	18
Population	548	513	35	612	578	34	624	589	35	638	612	26	633	595	38
Rate per 100	88.7	91.0	54.3	83.3	85.3	50.0	85.7	88.5	40.0	85.0	86.4	50.0	80.6	82.7	47.4
2 CFA	427	417	10	419	398	21	461	440	21	428	412	16	324	317	7
Population	581	535	46	551	496	55	628	570	58	635	578	57	636	586	50
Rate per 100	73.5	77.9	21.7	76.0	80.2	38.2	73.4	77.2	36.2	67.4	71.3	28.1	50.9	54.1	14.0
7 CFA	499	432	67	490	422	68	443	384	59	422	375	47	431	378	53
Population	648	528	120	627	510	117	592	472	120	605	488	117	578	464	114
Rate per 100	77.0	81.8	55.8	78.1	82.7	58.1	74.8	81.4	49.2	69.8	76.8	40.2	74.6	81.5	46.5
11 CFA	387	346	41	386	328	58	426	357	69	395	357	38	414	354	60
Population	690	538	152	632	479	153	645	476	169	660	506	154	631	463	168
Rate per 100	56.1	64.3	27.0	61.1	68.5	37.9	66.0	75.0	40.8	59.8	70.6	24.7	65.6	76.5	35.7
17 CFA	414	349	65	366	319	47	437	368	69	429	341	88	297	246	51
Population	719	537	182	642	488	154	701	511	190	687	492	195	714	516	198
Rate per 100	57.6	65.0	35.7	57.0	65.4	30.5	62.3	72.0	36.3	62.4	69.3	45.1	41.6	47.7	25.8



# Childhood Immunization Coverage Report 2002-2006 Complete for Age (CFA) based on Health Registration

Age	2002 Health Registration			2003 Health Registration			2004 Health Registration			2005 Health Registration			2006 Health Registration		
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
<b>20 - NORTH EASTMAN</b>															
1 CFA	393	380	13	363	359	4	372	365	7	348	344	4	346	344	2
Population	506	486	20	468	451	17	475	464	11	449	443	6	433	427	6
Rate per 100	77.7	78.2	65.0	77.6	79.6	23.5	78.3	78.7	63.6	77.5	77.7	66.7	79.9	80.6	33.3
2 CFA	313	308	5	330	322	8	308	299	9	280	274	6	188	186	2
Population	486	473	13	500	484	16	470	448	22	476	458	18	455	440	15
Rate per 100	64.4	65.1	38.5	66.0	66.5	50.0	65.5	66.7	40.9	58.8	59.8	33.3	41.3	42.3	13.3
7 CFA	380	363	17	345	316	29	336	321	15	379	359	20	377	354	23
Population	577	542	35	549	490	59	516	479	37	553	514	39	527	485	42
Rate per 100	65.9	67.0	48.6	62.8	64.5	49.2	65.1	67.0	40.5	68.5	69.8	51.3	71.5	73.0	54.8
11 CFA	302	274	28	352	310	42	389	370	19	346	316	30	321	298	23
Population	665	592	73	656	567	89	688	615	73	642	569	73	619	563	56
Rate per 100	45.4	46.3	38.4	53.7	54.7	47.2	56.5	60.2	26.0	53.9	55.5	41.1	51.9	52.9	41.1
17 CFA	350	315	35	310	270	40	298	267	31	329	297	32	196	172	24
Population	684	583	101	636	541	95	631	554	77	595	510	85	648	560	88
Rate per 100	51.2	54.0	34.7	48.7	49.9	42.1	47.2	48.2	40.3	55.3	58.2	37.6	30.2	30.7	27.3
<b>25 - SOUTH EASTMAN</b>															
1 CFA	696	663	33	719	683	36	721	685	36	700	677	23	743	728	15
Population	805	759	46	818	775	43	821	775	46	821	787	34	914	869	45
Rate per 100	86.5	87.4	71.7	87.9	88.1	83.7	87.8	88.4	78.3	85.3	86.0	67.6	81.3	83.8	33.3
2 CFA	607	580	27	671	621	50	691	640	51	624	588	36	381	368	13
Population	796	730	66	848	761	87	862	771	91	876	800	76	858	791	67
Rate per 100	76.3	79.5	40.9	79.1	81.6	57.5	80.2	83.0	56.0	71.2	73.5	47.4	44.4	46.5	19.4
7 CFA	733	660	73	672	600	72	714	629	85	723	619	104	713	593	120
Population	957	796	161	899	733	166	949	757	192	941	749	192	931	697	234
Rate per 100	76.6	82.9	45.3	74.7	81.9	43.4	75.2	83.1	44.3	76.8	82.6	54.2	76.6	85.1	51.3
11 CFA	602	535	67	598	524	74	700	593	107	640	558	82	674	584	90
Population	1,011	816	195	939	737	202	1,045	797	248	1,018	768	250	1,061	797	264
Rate per 100	59.5	65.6	34.4	63.7	71.1	36.6	67.0	74.4	43.1	62.9	72.7	32.8	63.5	73.3	34.1
17 CFA	521	468	53	492	435	57	543	467	76	561	480	81	344	305	39
Population	915	761	154	996	756	240	997	750	247	967	722	245	1,039	762	277
Rate per 100	56.9	61.5	34.4	49.4	57.5	23.8	54.5	62.3	30.8	58.0	66.5	33.1	33.1	40.0	14.1
<b>30 - INTERLAKE</b>															
1 CFA	688	678	10	678	664	14	682	666	16	626	615	11	620	613	7
Population	813	793	20	811	791	20	795	761	34	805	776	29	795	778	17
Rate per 100	84.6	85.5	50.0	83.6	83.9	70.0	85.8	87.5	47.1	77.8	79.3	37.9	78.0	78.8	41.2
2 CFA	603	598	5	608	600	8	602	592	10	525	510	15	335	327	8
Population	812	781	31	820	787	33	847	806	41	808	766	42	824	780	44
Rate per 100	74.3	76.6	16.1	74.1	76.2	24.2	71.1	73.4	24.4	65.0	66.6	35.7	40.7	41.9	18.2
7 CFA	774	737	37	699	670	29	686	648	38	681	663	18	654	621	33
Population	1,092	991	101	1,013	928	85	983	868	115	953	877	76	953	841	112
Rate per 100	70.9	74.4	36.6	69.0	72.2	34.1	69.8	74.7	33.0	71.5	75.6	23.7	68.6	73.8	29.5
11 CFA	616	583	33	623	579	44	649	618	31	621	588	33	685	648	37
Population	1,176	1,050	126	1,115	977	138	1,162	1,014	148	1,100	965	135	1,192	1,038	154
Rate per 100	52.4	55.5	26.2	55.9	59.3	31.9	55.9	60.9	20.9	56.5	60.9	24.4	57.5	62.4	24.0
17 CFA	558	504	54	612	557	55	580	537	43	684	633	51	409	383	26
Population	1,159	968	191	1,197	1,007	190	1,114	962	152	1,197	1,027	170	1,200	1,015	185
Rate per 100	48.1	52.1	28.3	51.1	55.3	28.9	52.1	55.8	28.3	57.1	61.6	30.0	34.1	37.7	14.1
<b>40 - CENTRAL</b>															
1 CFA	1,132	1,081	51	1,138	1,106	32	1,191	1,144	47	1,030	991	39	1,025	1,006	19
Population	1,384	1,323	61	1,404	1,352	52	1,475	1,402	73	1,388	1,334	54	1,490	1,426	64
Rate per 100	81.8	81.7	83.6	81.1	81.8	61.5	80.7	81.6	64.4	74.2	74.3	72.2	68.8	70.5	29.7
2 CFA	1,038	991	47	1,036	970	66	1,046	1,002	44	953	913	40	503	486	17
Population	1,434	1,340	94	1,426	1,304	122	1,466	1,371	95	1,544	1,419	125	1,428	1,323	105
Rate per 100	72.4	74.0	50.0	72.7	74.4	54.1	71.4	73.1	46.3	61.7	64.3	32.0	35.2	36.7	16.2
7 CFA	1,141	1,042	99	1,071	974	97	1,139	1,043	96	1,073	976	97	1,139	1,036	103
Population	1,545	1,351	194	1,488	1,281	207	1,581	1,337	244	1,518	1,281	237	1,552	1,288	264
Rate per 100	73.9	77.1	51.0	72.0	76.0	46.9	72.0	78.0	39.3	70.7	76.2	40.9	73.4	80.4	39.0
11 CFA	1,010	887	123	990	854	136	1,031	908	123	1,036	910	126	979	855	124
Population	1,746	1,456	290	1,627	1,327	300	1,679	1,357	322	1,670	1,358	312	1,654	1,323	331
Rate per 100	57.8	60.9	42.4	60.8	64.4	45.3	61.4	66.9	38.2	62.0	67.0	40.4	59.2	64.6	37.5
17 CFA	1,061	941	120	1,051	938	113	1,061	960	101	1,065	960	105	720	642	78
Population	1,666	1,364	302	1,660	1,355	305	1,610	1,308	302	1,626	1,292	334	1,637	1,300	337
Rate per 100	63.7	69.0	39.7	63.3	69.2	37.0	65.9	73.4	33.4	65.5	74.3	31.4	44.0	49.4	23.1

# Childhood Immunization Coverage Report 2002-2006 Complete for Age (CFA) based on Health Registration

Age	2002 Health Registration			2003 Health Registration			2004 Health Registration			2005 Health Registration			2006 Health Registration		
	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous
<b>45 - ASSINIBOINE</b>															
1 CFA	614	598	16	612	585	27	650	619	31	619	598	21	537	511	26
Population	692	670	22	683	649	34	724	678	46	744	712	32	702	662	40
Rate per 100	88.7	89.3	72.7	89.6	90.1	79.4	89.8	91.3	67.4	83.2	84.0	65.6	76.5	77.2	65.0
2 CFA	557	533	24	561	540	21	557	524	33	521	493	28	307	290	17
Population	715	671	44	699	656	43	705	650	55	722	673	49	742	686	56
Rate per 100	77.9	79.4	54.5	80.3	82.3	48.8	79.0	80.6	60.0	72.2	73.3	57.1	41.4	42.3	30.4
7 CFA	686	630	56	650	601	49	646	582	64	654	605	49	662	602	60
Population	864	759	105	840	722	118	830	691	139	836	726	110	814	694	120
Rate per 100	79.4	83.0	53.3	77.4	83.2	41.5	77.8	84.2	46.0	78.2	83.3	44.5	81.3	86.7	50.0
11 CFA	604	550	54	669	611	58	676	614	62	656	589	67	619	561	58
Population	1,015	851	164	980	816	164	984	829	155	944	780	164	905	758	147
Rate per 100	59.5	64.6	32.9	68.3	74.9	35.4	68.7	74.1	40.0	69.5	75.5	40.9	68.4	74.0	39.5
17 CFA	666	603	63	658	605	53	682	629	53	686	611	75	551	509	42
Population	1,051	869	182	1,105	915	190	1,101	883	218	1,049	831	218	1,069	859	210
Rate per 100	63.4	69.4	34.6	59.5	66.1	27.9	61.9	71.2	24.3	65.4	73.5	34.4	51.5	59.3	20.0
<b>60 - PARKLAND</b>															
1 CFA	421	397	24	454	430	24	455	438	17	394	385	9	435	423	12
Population	468	438	30	500	480	20	508	488	20	467	452	15	514	497	17
Rate per 100	90.0	90.6	80.0	90.8	89.6	120.0	89.6	89.8	85.0	84.4	85.2	60.0	84.6	85.1	70.6
2 CFA	412	388	24	391	364	27	418	402	16	376	365	11	236	224	12
Population	502	473	29	491	447	44	505	478	27	506	479	27	484	453	31
Rate per 100	82.1	82.0	82.8	79.6	81.4	61.4	82.8	84.1	59.3	74.3	76.2	40.7	48.8	49.4	38.7
7 CFA	463	416	47	438	398	40	434	394	40	464	417	47	452	404	48
Population	553	473	80	544	464	80	541	467	74	570	485	85	568	491	77
Rate per 100	83.7	87.9	58.8	80.5	85.8	50.0	80.2	84.4	54.1	81.4	86.0	55.3	79.6	82.3	62.3
11 CFA	426	377	49	414	368	46	404	353	51	440	387	53	393	356	37
Population	640	524	116	585	480	105	579	475	104	614	509	105	555	462	93
Rate per 100	66.6	71.9	42.2	70.8	76.7	43.8	69.8	74.3	49.0	71.7	76.0	50.5	70.8	77.1	39.8
17 CFA	442	386	56	439	374	65	451	395	56	413	357	56	310	280	30
Population	644	518	126	629	504	125	642	518	124	597	469	128	618	492	126
Rate per 100	68.6	74.5	44.4	69.8	74.2	52.0	70.2	76.3	45.2	69.2	76.1	43.8	50.2	56.9	23.8
<b>70 - NORMAN</b>															
1 CFA	319	308	11	366	361	5	345	341	4	318	305	13	311	301	10
Population	422	402	20	434	419	15	418	407	11	438	419	19	400	384	16
Rate per 100	75.6	76.6	55.0	84.3	86.2	33.3	82.5	83.8	36.4	72.6	72.8	68.4	77.8	78.4	62.5
2 CFA	290	278	12	298	284	14	320	309	11	262	254	8	181	173	8
Population	442	414	28	419	388	31	432	413	19	406	390	16	439	409	30
Rate per 100	65.6	67.1	42.9	71.1	73.2	45.2	74.1	74.8	57.9	64.5	65.1	50.0	41.2	42.3	26.7
7 CFA	356	324	32	330	304	26	326	295	31	312	281	31	341	307	34
Population	456	410	46	423	365	58	427	374	53	434	374	60	422	373	49
Rate per 100	78.1	79.0	69.6	78.0	83.3	44.8	76.3	78.9	58.5	71.9	75.1	51.7	80.8	82.3	69.4
11 CFA	256	222	34	277	238	39	294	265	29	261	236	25	250	220	30
Population	467	392	75	434	350	84	471	402	69	434	363	71	429	364	65
Rate per 100	54.8	56.6	45.3	63.8	68.0	46.4	62.4	65.9	42.0	60.1	65.0	35.2	58.3	60.4	46.2
17 CFA	226	182	44	225	181	44	241	200	41	212	182	30	209	173	36
Population	446	344	102	432	322	110	426	335	91	390	309	81	445	352	93
Rate per 100	50.7	52.9	43.1	52.1	56.2	40.0	56.6	59.7	45.1	54.4	58.9	37.0	47.0	49.1	38.7
<b>80 - BURNTWOOD</b>															
1 CFA	653	644	9	724	713	11	757	735	22	701	696	5	679	666	13
Population	1,038	1,022	16	1,008	992	16	1,056	1,032	24	1,085	1,065	20	1,126	1,111	15
Rate per 100	62.9	63.0	56.3	71.8	71.9	68.8	71.7	71.2	91.7	64.6	65.4	25.0	60.3	59.9	86.7
2 CFA	467	460	7	563	553	10	574	564	10	511	494	17	345	341	4
Population	1,015	995	20	1,040	1,005	35	1,006	978	28	1,063	1,026	37	1,085	1,059	26
Rate per 100	46.0	46.2	35.0	54.1	55.0	28.6	57.1	57.7	35.7	48.1	48.1	45.9	31.8	32.2	15.4
7 CFA	506	493	13	515	496	19	464	446	18	524	508	16	589	561	28
Population	1,055	1,002	53	1,016	969	47	909	862	47	1,044	992	52	1,030	973	57
Rate per 100	48.0	49.2	24.5	50.7	51.2	40.4	51.0	51.7	38.3	50.2	51.2	30.8	57.2	57.7	49.1
11 CFA	242	216	26	226	208	18	366	340	26	311	293	18	319	302	17
Population	1,056	967	89	997	936	61	1,063	977	86	1,076	990	86	1,031	965	66
Rate per 100	22.9	22.3	29.2	22.7	22.2	29.5	34.4	34.8	30.2	28.9	29.6	20.9	30.9	31.3	25.8
17 CFA	211	186	25	244	213	31	255	231	24	259	236	23	183	165	18
Population	870	766	104	863	761	102	855	764	91	1,002	885	117	1,008	907	101
Rate per 100	24.3	24.3	24.0	28.3	28.0	30.4	29.8	30.2	26.4	25.8	26.7	19.7	18.2	18.2	17.8

# Childhood Immunization Coverage Report 2002-2006 Complete for Age (CFA) based on Health Registration

Age	2002 Health Registration			2003 Health Registration			2004 Health Registration			2005 Health Registration			2006 Health Registration		
	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous	No. of Children	Contin- uous	Non- Contin- uous
90 - CHURCHILL															
1 CFA	20	18	2	19	17	2	12	12	0	11	10	1	18	16	2
Population	24	22	2	21	18	3	11	11	0	14	13	1	22	19	3
Rate per 100	83.3	81.8	100.0	90.5	94.4	66.7	109.1	109.1	0.0	78.6	76.9	100.0	81.8	84.2	66.7
2 CFA	15	14	1	16	14	2	19	18	1	12	12	0	7	7	0
Population	17	15	2	22	18	4	21	18	3	13	12	1	9	8	1
Rate per 100	88.2	93.3	50.0	72.7	77.8	50.0	90.5	100.0	33.3	92.3	100.0	0.0	77.8	87.5	0.0
7 CFA	20	15	5	18	17	1	13	13	0	9	8	1	10	9	1
Population	22	18	4	20	17	3	18	17	1	14	9	5	13	9	4
Rate per 100	90.9	83.3	125.0	90.0	100.0	33.3	72.2	76.5	0.0	64.3	88.9	20.0	76.9	100.0	25.0
11 CFA	5	5	0	6	5	1	8	7	1	8	5	3	8	7	1
Population	14	11	3	19	13	6	16	9	7	11	6	5	17	13	4
Rate per 100	35.7	45.5	0.0	31.6	38.5	16.7	50.0	77.8	14.3	72.7	83.3	60.0	47.1	53.8	25.0
17 CFA	4	3	1	4	2	2	9	7	2	6	6	0	2	2	0
Population	9	4	5	12	5	7	13	9	4	11	10	1	11	5	6
Rate per 100	44.4	75.0	20.0	33.3	40.0	28.6	69.2	77.8	50.0	54.5	60.0	0.0	18.2	40.0	0.0



## 6. Childhood Vaccine Doses Administered, by Provider Type, by Provider Location, January 1 – December 31, 2006

■ Manitoba

■ By RHA

### Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1 to December 31, 2006, as entered into MIMS by April 2007.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

## Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2006

Provider	DaPT	DaPT/ HIB	Tot	MMR	HBV	HEPA/B	V	TDaP	MCV	PCV	INF	Total Doses
<b>MANITOBA</b>												
<b>Public Health Nurse</b>												
First Nations	275	1,082	7	599	1,642	3	421	366	513	1,037	393	
Non-First Nations	3,213	10,053	71	6,420	31,799	443	4,197	11,058	11,266	9,088	5,843	
Total	3,488	11,135	78	7,019	33,441	446	4,618	11,424	11,779	10,125	6,236	99,789
Percentage of Doses Administered												39.8%
<b>Physician</b>												
First Nations	245	1,943	20	670	57	3	384	60	9	1,841	560	
Non-First Nations	7,645	32,910	453	15,768	1,701	1,340	9,618	1,380	1,426	31,540	14,006	
Total	7,890	34,853	473	16,438	1,758	1,343	10,002	1,440	1,435	33,381	14,566	123,579
Percentage of Doses Administered												49.3%
<b>First Nation/Tribal Council</b>												
First Nations	951	4,355	45	2,113	2,288	5	1,163	537	769	4,174	829	
Non-First Nations	222	929	18	478	509	2	299	125	174	899	182	
Total	1,173	5,284	63	2,591	2,797	7	1,462	662	943	5,073	1,011	21,066
Percentage of Doses Administered												8.4%
<b>Other</b>												
First Nations	89	430	60	234	88	0	109	86	4	401	209	
Non-First Nations	229	862	305	495	396	41	256	282	49	797	768	
Total	318	1,292	365	729	484	41	365	368	53	1,198	977	6,190
Percentage of Doses Administered												2.5%
Total for MANITOBA	12,869	52,564	979	26,777	38,480	1,837	16,447	13,894	14,210	49,777	22,790	250,624
<b>10 - Winnipeg</b>												
<b>Public Health Nurse</b>												
First Nations	3	11	0	7	591	1	23	59	201	10	46	
Non-First Nations	47	103	3	138	17,079	215	617	4,652	6,194	99	1,167	
Total	50	114	3	145	17,670	216	640	4,711	6,395	109	1,213	31,266
Percentage of Doses Administered												22.2%
<b>Physician</b>												
First Nations	225	1,588	13	594	57	3	332	58	9	1,497	508	
Non-First Nations	6,438	27,049	364	13,182	1,650	1,255	8,065	1,310	1,392	25,997	12,552	
Total	6,663	28,637	377	13,776	1,707	1,258	8,397	1,368	1,401	27,494	13,060	104,138
Percentage of Doses Administered												74.1%
<b>First Nation/Tribal Council</b>												
Non-First Nations	0	1	0	0	0	0	0	0	0	1	0	
Total	0	1	0	0	0	0	0	0	0	1	0	2
Percentage of Doses Administered												0.0%
<b>Other</b>												
First Nations	80	406	12	205	66	0	102	73	4	380	200	
Non-First Nations	189	718	91	394	301	12	217	245	39	699	728	
Total	269	1,124	103	599	367	12	319	318	43	1,079	928	5,161
Percentage of Doses Administered												3.7%
Total for 10 - Winnipeg	6,982	29,876	483	14,520	19,744	1,486	9,356	6,397	7,839	28,683	15,201	140,567

NOTE: 'Other' providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.



# Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2006

Provider	DaPTP	DaPTP/ HIB	Tet	MMR	HBV	HEPA/B	V	TDaP	MCV	PCV	INF	Total Doses
<b>15 - Brandon</b>												
Public Health Nurse												
First Nations	25	101	0	47	115	0	34	24	28	93	21	
Non-First Nations	208	812	3	392	1,367	14	302	491	435	800	382	
Total	233	913	3	439	1,482	14	336	515	463	893	403	5,694
Percentage of Doses Administered												51.0%
Physician												
First Nations	6	101	2	21	0	0	15	2	0	96	17	
Non-First Nations	285	1,702	16	671	2	6	486	25	5	1,648	325	
Total	291	1,803	18	692	2	6	501	27	5	1,744	342	5,431
Percentage of Doses Administered												48.7%
Other												
First Nations	1	0	2	0	0	0	0	4	0	0	0	
Non-First Nations	3	0	11	0	0	0	0	13	0	0	0	
Total	4	0	13	0	0	0	0	17	0	0	0	34
Percentage of Doses Administered												0.3%
Total for 15 - Brandon	528	2,716	34	1,131	1,484	20	837	559	468	2,637	745	11,159
<b>20 - North Eastman</b>												
Public Health Nurse												
First Nations	4	21	0	9	10	0	4	3	1	22	11	
Non-First Nations	107	333	3	180	368	21	94	246	40	307	234	
Total	111	354	3	189	378	21	98	249	41	329	245	2,018
Percentage of Doses Administered												38.1%
Physician												
First Nations	0	0	1	1	0	0	0	0	0	0	0	
Non-First Nations	47	105	5	65	2	7	15	4	0	72	37	
Total	47	105	6	66	2	7	15	4	0	72	37	361
Percentage of Doses Administered												6.8%
First Nation/Tribal Council												
First Nations	169	550	2	327	312	0	148	85	81	499	180	
Non-First Nations	41	109	4	76	81	0	37	45	22	107	27	
Total	210	659	6	403	393	0	185	130	103	606	207	2,902
Percentage of Doses Administered												54.8%
Other												
First Nations	0	0	3	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	11	0	0	0	1	0	0	0	0	
Total	0	0	14	0	0	0	1	0	0	0	0	15
Percentage of Doses Administered												0.3%
Total for 20 - North Eastman	368	1,118	29	658	773	28	299	383	144	1,007	489	5,296

NOTE: "Other" providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

# Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2006

Provider	DaPTP	DaPTP/ HIB	Tet	MMR	HBV	HEPA/B	V	TDaP	MCV	PCV	INF	Total Doses
<b>25 - South Eastman</b>												
<b>Public Health Nurse</b>												
First Nations	1	6	0	7	21	0	3	12	8	6	1	
Non-First Nations	525	869	13	951	2,320	20	356	1,089	807	734	476	
Total	526	875	13	958	2,341	20	359	1,101	815	740	477	8,225
Percentage of Doses Administered												62.7%
<b>Physician</b>												
First Nations	0	10	0	3	0	0	2	0	0	11	0	
Non-First Nations	311	1,588	24	703	6	15	413	13	12	1,551	184	
Total	311	1,598	24	706	6	15	415	13	12	1,562	184	4,846
Percentage of Doses Administered												36.9%
<b>Other</b>												
Non-First Nations	0	0	50	0	1	0	0	0	0	0	0	
Total	0	0	50	0	1	0	0	0	0	0	0	51
Percentage of Doses Administered												0.4%
Total for 25 - South Eastman	837	2,473	87	1,664	2,348	35	774	1,114	827	2,302	661	13,122
<b>30 - Interlake</b>												
<b>Public Health Nurse</b>												
First Nations	6	24	0	12	52	2	12	12	24	24	28	
Non-First Nations	161	474	6	279	2,034	13	227	813	626	415	458	
Total	167	498	6	291	2,086	15	239	825	650	439	486	5,702
Percentage of Doses Administered												51.8%
<b>Physician</b>												
First Nations	6	41	1	15	0	0	10	0	0	36	16	
Non-First Nations	276	860	24	491	27	12	292	25	11	841	430	
Total	282	901	25	506	27	12	302	25	11	877	446	3,414
Percentage of Doses Administered												31.0%
<b>First Nation/Tribal Council</b>												
First Nations	80	339	2	164	186	0	56	65	69	335	83	
Non-First Nations	26	122	0	57	53	0	28	13	15	120	11	
Total	106	461	2	221	239	0	84	78	84	455	94	1,824
Percentage of Doses Administered												16.6%
<b>Other</b>												
First Nations	0	1	10	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	51	0	0	0	1	1	0	0	0	
Total	0	1	61	0	0	0	1	1	0	0	0	64
Percentage of Doses Administered												0.6%
Total for 30 - Interlake	555	1,861	94	1,018	2,352	27	626	929	745	1,771	1,026	11,004

NOTE: 'Other' providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

# Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2006

Provider	DaPTP	DaPTP/ HIB	Tet	MMR	HBV	HEPA/B	V	Tdap	MCV	PCV	INF	Total Doses
<b>40 - Central</b>												
<b>Public Health Nurse</b>												
First Nations	29	63	0	56	185	0	32	62	36	52	21	
Non-First Nations	864	2,875	13	1,852	3,703	61	926	1,866	1,218	2,472	877	
Total	893	2,938	13	1,908	3,888	61	958	1,928	1,254	2,524	898	17,263
Percentage of Doses Administered												77.7%
<b>Physician</b>												
First Nations	3	108	2	20	0	0	13	0	0	108	5	
Non-First Nations	176	987	12	397	4	10	211	2	4	922	330	
Total	179	1,095	14	417	4	10	224	2	4	1,030	335	3,314
Percentage of Doses Administered												14.9%
<b>First Nation/Tribal Council</b>												
First Nations	83	366	4	186	131	0	108	19	33	308	53	
Non-First Nations	13	80	2	35	27	0	31	2	10	65	6	
Total	96	446	6	221	158	0	139	21	43	373	59	1,562
Percentage of Doses Administered												7.0%
<b>Other</b>												
First Nations	0	0	18	1	1	0	0	0	0	0	0	
Non-First Nations	1	0	38	2	0	0	1	1	0	0	18	
Total	1	0	56	3	1	0	1	1	0	0	18	81
Percentage of Doses Administered												0.4%
Total for 40 - Central	1,169	4,479	89	2,549	4,051	71	1,322	1,952	1,301	3,927	1,310	22,220
<b>45 - Assiniboine</b>												
<b>Public Health Nurse</b>												
First Nations	11	46	0	23	89	0	15	28	28	44	16	
Non-First Nations	522	1,826	11	1,001	2,165	8	619	761	830	1,615	810	
Total	533	1,872	11	1,024	2,254	8	634	789	858	1,659	826	10,468
Percentage of Doses Administered												83.8%
<b>Physician</b>												
First Nations	0	3	1	1	0	0	1	0	0	3	5	
Non-First Nations	50	237	4	104	4	12	28	1	1	137	51	
Total	50	240	5	105	4	12	29	1	1	140	56	643
Percentage of Doses Administered												5.1%
<b>First Nation/Tribal Council</b>												
First Nations	78	252	5	153	159	0	57	38	62	240	62	
Non-First Nations	17	58	1	30	29	0	15	6	10	58	13	
Total	95	310	6	183	188	0	72	44	72	298	75	1,343
Percentage of Doses Administered												10.8%
<b>Other</b>												
First Nations	0	0	1	0	0	0	0	0	0	0	0	
Non-First Nations	0	1	21	0	1	5	1	1	0	0	1	
Total	0	1	22	0	1	5	1	1	0	0	1	32
Percentage of Doses Administered												0.3%
Total for 45 - Assiniboine	678	2,423	44	1,312	2,447	25	736	835	931	2,097	958	12,486

NOTE: 'Other' providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

# Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2006

Provider	DaPTP	DaPTP/ HIB	Tot	MMR	HBV	HEPA/B	V	TdAP	MCV	PCV	INF	Total Doses
<b>60 - Parkland</b>												
<b>Public Health Nurse</b>												
First Nations	41	152	0	85	156	0	59	40	67	152	13	
Non-First Nations	295	1,012	4	573	1,456	34	385	488	648	966	405	
Total	336	1,164	4	658	1,612	34	444	528	715	1,118	418	7,031
Percentage of Doses Administered												72.0%
<b>Physician</b>												
First Nations	3	80	0	12	0	0	9	0	0	78	9	
Non-First Nations	57	367	3	148	3	18	105	0	1	359	92	
Total	60	447	3	160	3	18	114	0	1	437	101	1,344
Percentage of Doses Administered												13.8%
<b>First Nation/Tribal Council</b>												
First Nations	43	205	7	100	163	5	81	15	41	200	28	
Non-First Nations	31	112	7	58	61	0	49	7	23	111	9	
Total	74	317	14	158	224	5	130	22	64	311	37	1,356
Percentage of Doses Administered												13.9%
<b>Other</b>												
First Nations	0	0	4	0	1	0	0	4	0	0	0	
Non-First Nations	0	0	16	0	0	0	0	4	0	0	0	
Total	0	0	20	0	1	0	0	8	0	0	0	29
Percentage of Doses Administered												0.3%
Total for 60 - Parkland	470	1,928	41	976	1,840	57	688	558	780	1,866	556	9,760
<b>70 - Norman</b>												
<b>Public Health Nurse</b>												
First Nations	69	291	1	163	186	0	123	33	49	271	68	
Non-First Nations	207	773	4	438	627	21	332	292	200	732	480	
Total	276	1,064	5	601	813	21	455	325	249	1,003	548	5,360
Percentage of Doses Administered												76.4%
<b>Physician</b>												
Non-First Nations	0	0	0	0	0	1	0	0	0	0	5	
Total	0	0	0	0	0	1	0	0	0	0	5	6
Percentage of Doses Administered												0.1%
<b>First Nation/Tribal Council</b>												
First Nations	89	280	4	153	133	0	80	4	41	274	104	
Non-First Nations	34	107	0	58	60	1	35	1	17	105	53	
Total	123	387	4	211	193	1	115	5	58	379	157	1,633
Percentage of Doses Administered												23.3%
<b>Other</b>												
First Nations	0	0	2	0	0	0	0	4	0	0	1	
Non-First Nations	0	0	2	0	0	0	0	1	0	0	3	
Total	0	0	4	0	0	0	0	5	0	0	4	13
Percentage of Doses Administered												0.2%
Total for 70 - Norman	399	1,451	13	812	1,006	23	570	335	307	1,382	714	7,012

NOTE: 'Other' providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.



# Childhood Doses Administered Report by Provider Location

January 1 to December 31, 2006

Provider	DaPT	DaPT/ HIB	Tot	MMR	HBV	HEPA/B	V	Tdap	MCV	PCV	INF	Total Doses
<b>80 - Burntwood</b>												
<b>Public Health Nurse</b>												
First Nations	82	348	3	179	227	0	104	88	67	344	162	
Non-First Nations	219	767	6	465	587	22	266	323	180	748	520	
Total	301	1,115	9	644	814	22	370	411	247	1,092	682	5,707
Percentage of Doses Administered												35.0%
<b>Physician</b>												
First Nations	2	12	0	3	0	0	2	0	0	12	0	
Non-First Nations	5	15	1	7	1	4	3	0	0	13	0	
Total	7	27	1	10	1	4	5	0	0	25	0	80
Percentage of Doses Administered												0.5%
<b>First Nation/Tribal Council</b>												
First Nations	409	2,363	21	1,030	1,204	0	633	311	442	2,318	319	
Non-First Nations	60	340	4	164	198	1	104	51	77	332	63	
Total	469	2,703	25	1,194	1,402	1	737	362	519	2,650	382	10,444
Percentage of Doses Administered												64.1%
<b>Other</b>												
First Nations	0	0	5	13	16	0	0	0	0	0	0	
Non-First Nations	0	0	7	3	7	0	0	1	0	0	1	
Total	0	0	12	16	23	0	0	1	0	0	1	53
Percentage of Doses Administered												0.3%
Total for 80 - Burntwood	777	3,845	47	1,864	2,240	27	1,112	774	766	3,767	1,065	16,284
<b>90 - Churchill</b>												
<b>Public Health Nurse</b>												
First Nations	4	13	3	8	10	0	9	5	3	13	6	
Non-First Nations	11	66	1	30	31	12	29	20	12	66	17	
Total	15	79	4	38	41	12	38	25	15	79	23	369
Percentage of Doses Administered												100.0%
Total for 90 - Churchill	15	79	4	38	41	12	38	25	15	79	23	369
<b>95 - Unknown</b>												
<b>Physician</b>												
Non-First Nations	0	0	0	0	2	0	0	0	0	0	0	
Total	0	0	0	0	2	0	0	0	0	0	0	2
Percentage of Doses Administered												0.9%
<b>Other</b>												
First Nations	7	19	2	13	1	0	5	0	0	17	8	
Non-First Nations	12	47	1	17	1	2	8	4	0	44	6	
Total	19	66	3	30	2	2	13	4	0	61	14	214
Percentage of Doses Administered												99.1%
Total for 95 - Unknown	19	66	3	30	4	2	13	4	0	61	14	216
<b>99 - Non-Manitoba</b>												
<b>Public Health Nurse</b>												
First Nations	0	6	0	3	0	0	3	0	1	6	0	
Non-First Nations	47	143	4	121	62	2	44	17	76	134	17	
Total	47	149	4	124	62	2	47	17	77	140	17	686
Percentage of Doses Administered												60.8%
<b>Other</b>												
First Nations	1	4	1	2	3	0	2	1	0	4	0	
Non-First Nations	24	96	6	79	85	22	27	11	10	54	11	
Total	25	100	7	81	88	22	29	12	10	58	11	443
Percentage of Doses Administered												39.2%
Total for 99 - Non-Manitoba	72	249	11	205	150	24	76	29	87	198	28	1,129

NOTE: 'Other' providers include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## 7. Influenza/Pneumococcal Immunization Coverage Reports, by Patient Location, January 1 - December 31, 2006

■ Manitoba

■ By RHA

### Notes:

The population is selected using the client's address.

The "< 65 high risk" population estimate (i.e., denominator) is based on a calculation of 11 per cent of the total under-65 population. The same estimate is used for both influenza and pneumococcal high-risk groups, although the target population is not identical. The "<65 high risk" numerator data are those doses identified as such via public health data entry in MIMS. These same doses are also included in the "all <65" doses and coverage calculations.

Influenza coverage reflects doses administered in the 2006 calendar year, with data entered by April 2007. Pneumococcal (2006) reflects doses administered in the 2006 calendar year, while pneumococcal (cumulative) reflects doses administered to unique clients from all previous years and including 2006.

Rate per 100 is the calculated coverage rate.

## Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2006

	Influenza						Pneumococcal (2006)			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
Patient RHA: MANITOBA												
First Nations												
Count	503	1,302	4,581	2,735	6,386	892	294	401	99	1,197	2,223	1,233
Population	5,156	28,644	42,979	8,440	76,779	2,869	8,440	76,779	2,869	8,440	76,779	2,869
Rate per 100	9.8	4.5	10.7	32.4	8.3	31.1	3.5	0.5	3.5	14.2	2.9	43.0
Non-First Nations												
Count	6,707	11,146	94,490	17,181	112,343	97,422	957	2,811	6,031	5,268	25,324	107,601
Population	29,079	210,566	695,963	102,917	935,608	163,201	102,917	935,608	163,201	102,917	935,608	163,201
Rate per 100	23.1	5.3	13.6	16.7	12.0	59.7	0.9	0.3	3.7	5.1	2.7	65.9
Total												
Count	7,210	12,448	99,071	19,916	118,729	98,314	1,251	3,212	6,130	6,465	27,547	108,834
Population	34,235	239,210	738,942	111,357	1,012,387	166,070	111,357	1,012,387	166,070	111,357	1,012,387	166,070
Rate per 100	21.1	5.2	13.4	17.9	11.7	59.2	1.1	0.3	3.7	5.8	2.7	65.5
Patient RHA: 10 - Winnipeg												
First Nations												
Count	254	335	1,245	588	1,834	196	29	86	22	194	668	236
Population	1,208	6,306	10,062	1,933	17,576	440	1,933	17,576	440	1,933	17,576	440
Rate per 100	21.0	5.3	12.4	30.4	10.4	44.5	1.5	0.5	5.0	10.0	3.8	53.6
Non-First Nations												
Count	4,672	6,478	57,250	6,558	68,400	58,201	332	1,697	3,877	1,999	15,067	64,180
Population	16,064	115,883	422,168	60,953	554,115	94,907	60,953	554,115	94,907	60,953	554,115	94,907
Rate per 100	29.1	5.6	13.6	10.8	12.3	61.3	0.5	0.3	4.1	3.3	2.7	67.6
Total												
Count	4,926	6,813	58,495	7,146	70,234	58,397	361	1,783	3,899	2,193	15,735	64,416
Population	17,272	122,189	432,230	62,886	571,691	95,347	62,886	571,691	95,347	62,886	571,691	95,347
Rate per 100	28.5	5.6	13.5	11.4	12.3	61.2	0.6	0.3	4.1	3.5	2.8	67.6

# Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2006

	Influenza						Pneumococcal (2006)			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+ All	<65 High Risk	<65 All	65+ All	<65 High Risk	<65 All	65+ All

Patient RHA: 15 - Brandon

<b>First Nations</b>												
Count	12	20	105	28	137	13	2	6	1	13	33	14
Population	149	724	1,091	215	1,964	21	215	1,964	21	215	1,964	21
Rate per 100	8.1	2.8	9.6	13.0	7.0	61.9	0.9	0.3	4.8	6.0	1.7	66.7
<b>Non-First Nations</b>												
Count	226	400	4,428	524	5,054	4,379	26	141	384	139	1,171	4,851
Population	1,416	8,711	30,539	4,475	40,666	7,099	4,475	40,666	7,099	4,475	40,666	7,099
Rate per 100	16.0	4.6	14.5	11.7	12.4	61.7	0.6	0.3	5.4	3.1	2.9	68.3
<b>Total</b>												
Count	238	420	4,533	552	5,191	4,392	28	147	385	152	1,204	4,865
Population	1,565	9,435	31,630	4,690	42,630	7,120	4,690	42,630	7,120	4,690	42,630	7,120
Rate per 100	15.2	4.5	14.3	11.8	12.2	61.7	0.6	0.3	5.4	3.2	2.8	68.3

Patient RHA: 20 - North Eastman

<b>First Nations</b>												
Count	26	181	316	310	523	80	11	13	3	71	122	98
Population	350	2,246	3,330	652	5,926	264	652	5,926	264	652	5,926	264
Rate per 100	7.4	8.1	9.5	47.5	8.8	30.3	1.7	0.2	1.1	10.9	2.1	37.1
<b>Non-First Nations</b>												
Count	142	305	2,917	767	3,364	3,019	42	73	163	273	802	3,353
Population	744	6,517	21,331	3,146	28,592	5,375	3,146	28,592	5,375	3,146	28,592	5,375
Rate per 100	19.1	4.7	13.7	24.4	11.8	56.2	1.3	0.3	3.0	8.7	2.8	62.4
<b>Total</b>												
Count	168	486	3,233	1,077	3,887	3,099	53	86	166	344	924	3,451
Population	1,094	8,763	24,661	3,798	34,518	5,639	3,798	34,518	5,639	3,798	34,518	5,639
Rate per 100	15.4	5.5	13.1	28.4	11.3	55.0	1.4	0.2	2.9	9.1	2.7	61.2

Patient RHA: 25 - South Eastman

<b>First Nations</b>												
Count	2	8	27	14	37	4	0	0	0	7	9	3
Population	19	102	163	31	284	6	31	284	6	31	284	6
Rate per 100	10.5	7.8	16.6	45.2	13.0	66.7	0.0	0.0	0.0	22.6	3.2	50.0
<b>Non-First Nations</b>												
Count	273	553	3,935	1,017	4,761	3,550	34	83	153	185	921	4,019
Population	2,088	15,130	37,214	5,987	54,432	6,677	5,987	54,432	6,677	5,987	54,432	6,677
Rate per 100	13.1	3.7	10.6	17.0	8.7	53.2	0.6	0.2	2.3	3.1	1.7	60.2
<b>Total</b>												
Count	275	561	3,962	1,031	4,798	3,554	34	83	153	192	930	4,022
Population	2,107	15,232	37,377	6,018	54,716	6,683	6,018	54,716	6,683	6,018	54,716	6,683
Rate per 100	13.1	3.7	10.6	17.1	8.8	53.2	0.6	0.2	2.3	3.2	1.7	60.2

Patient RHA: 30 - Interlake

<b>First Nations</b>												
Count	25	101	299	144	425	87	15	19	7	75	147	162
Population	294	2,084	3,755	674	6,133	381	674	6,133	381	674	6,133	381
Rate per 100	8.5	4.8	8.0	21.4	6.9	22.8	2.2	0.3	1.8	11.1	2.4	42.5
<b>Non-First Nations</b>												
Count	439	745	6,317	1,897	7,501	6,726	72	186	427	508	1,999	7,582
Population	1,692	13,574	43,790	6,496	59,056	11,319	6,496	59,056	11,319	6,496	59,056	11,319
Rate per 100	25.9	5.5	14.4	29.2	12.7	59.4	1.1	0.3	3.8	7.8	3.4	67.0
<b>Total</b>												
Count	464	846	6,616	2,041	7,926	6,813	87	205	434	583	2,146	7,744
Population	1,986	15,658	47,545	7,170	65,189	11,700	7,170	65,189	11,700	7,170	65,189	11,700
Rate per 100	23.4	5.4	13.9	28.5	12.2	58.2	1.2	0.3	3.7	8.1	3.3	66.2



# Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2006

	Influenza						Pneumococcal (2006)			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+

Patient RHA: 40 - Central

<b>First Nations</b>												
Count	29	44	243	108	316	52	13	14	4	56	114	56
Population	377	2,042	2,913	585	5,332	156	585	5,332	156	585	5,332	156
Rate per 100	7.7	2.2	8.3	18.5	5.9	33.3	2.2	0.3	2.6	9.6	2.1	35.9
<b>Non-First Nations</b>												
Count	395	871	6,460	1,166	7,726	7,587	56	127	367	220	1,191	8,082
Population	3,153	22,245	57,104	9,075	82,502	13,700	9,075	82,502	13,700	9,075	82,502	13,700
Rate per 100	12.5	3.9	11.3	12.8	9.4	55.4	0.6	0.2	2.7	2.4	1.4	59.0
<b>Total</b>												
Count	424	915	6,703	1,274	8,042	7,639	69	141	371	276	1,305	8,138
Population	3,530	24,287	60,017	9,660	87,834	13,856	9,660	87,834	13,856	9,660	87,834	13,856
Rate per 100	12.0	3.8	11.2	13.2	9.2	55.1	0.7	0.2	2.7	2.9	1.5	58.7

Patient RHA: 45 - Assiniboine

<b>First Nations</b>												
Count	15	65	322	209	402	75	0	2	3	44	83	82
Population	205	1,123	1,938	359	3,266	188	359	3,266	188	359	3,266	188
Rate per 100	7.3	5.8	16.6	58.2	12.3	39.9	0.0	0.1	1.6	12.3	2.5	43.6
<b>Non-First Nations</b>												
Count	183	638	5,659	1,889	6,480	7,950	120	168	358	725	1,782	8,644
Population	1,565	12,139	37,779	5,663	51,483	13,438	5,663	51,483	13,438	5,663	51,483	13,438
Rate per 100	11.7	5.3	15.0	33.4	12.6	59.2	2.1	0.3	2.7	12.8	3.5	64.3
<b>Total</b>												
Count	198	703	5,981	2,098	6,882	8,025	120	170	361	769	1,865	8,726
Population	1,770	13,262	39,717	6,022	54,749	13,626	6,022	54,749	13,626	6,022	54,749	13,626
Rate per 100	11.2	5.3	15.1	34.8	12.6	58.9	2.0	0.3	2.6	12.8	3.4	64.0

Patient RHA: 60 - Parkland

<b>First Nations</b>												
Count	9	35	241	121	285	54	9	23	5	90	170	68
Population	246	1,522	2,177	434	3,945	126	434	3,945	126	434	3,945	126
Rate per 100	3.7	2.3	11.1	27.9	7.2	42.9	2.1	0.6	4.0	20.7	4.3	54.0
<b>Non-First Nations</b>												
Count	111	329	3,136	1,301	3,576	4,448	98	152	192	447	1,140	5,099
Population	948	6,999	21,758	3,267	29,705	7,949	3,267	29,705	7,949	3,267	29,705	7,949
Rate per 100	11.7	4.7	14.4	39.8	12.0	56.0	3.0	0.5	2.4	13.7	3.8	64.1
<b>Total</b>												
Count	120	364	3,377	1,422	3,861	4,502	107	175	197	537	1,310	5,167
Population	1,194	8,521	23,935	3,701	33,650	8,075	3,701	33,650	8,075	3,701	33,650	8,075
Rate per 100	10.1	4.3	14.1	38.4	11.5	55.8	2.9	0.5	2.4	14.5	3.9	64.0

Patient RHA: 70 - Norman

<b>First Nations</b>												
Count	29	139	417	401	585	72	21	23	3	80	149	85
Population	388	2,236	2,974	615	5,598	187	615	5,598	187	615	5,598	187
Rate per 100	7.5	6.2	14.0	65.2	10.5	38.5	3.4	0.4	1.6	13.0	2.7	45.5
<b>Non-First Nations</b>												
Count	134	364	2,319	1,065	2,817	1,176	87	89	78	423	679	1,327
Population	608	4,175	11,846	1,829	16,629	1,926	1,829	16,629	1,926	1,829	16,629	1,926
Rate per 100	22.0	8.7	19.6	58.2	16.9	61.1	4.8	0.5	4.0	23.1	4.1	68.9
<b>Total</b>												
Count	163	503	2,736	1,466	3,402	1,248	108	112	81	503	828	1,412
Population	996	6,411	14,820	2,444	22,227	2,113	2,444	22,227	2,113	2,444	22,227	2,113
Rate per 100	16.4	7.8	18.5	60.0	15.3	59.1	4.4	0.5	3.8	20.6	3.7	66.8



# Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2006

	Influenza						Pneumococcal (2006)			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
Patient RHA: 90 - Burntwood												
First Nations												
Count	101	368	1,345	798	1,814	251	193	214	50	566	725	419
Population	1,914	10,220	14,492	2,928	26,626	1,089	2,928	26,626	1,089	2,928	26,626	1,089
Rate per 100	5.3	3.6	9.3	27.3	6.8	23.0	6.6	0.8	4.6	19.3	2.7	38.5
Non-First Nations												
Count	126	457	1,959	947	2,542	363	89	94	32	342	549	431
Population	767	5,022	11,904	1,945	17,693	755	1,945	17,693	755	1,945	17,693	755
Rate per 100	16.4	9.1	16.5	48.7	14.4	48.1	4.6	0.5	4.2	17.6	3.1	57.1
Total												
Count	227	825	3,304	1,745	4,356	614	282	308	82	908	1,274	850
Population	2,681	15,242	26,396	4,873	44,319	1,844	4,873	44,319	1,844	4,873	44,319	1,844
Rate per 100	8.5	5.4	12.5	35.8	9.8	33.3	5.8	0.7	4.4	18.6	2.9	46.1
Patient RHA: 90 - Churchill												
First Nations												
Count	1	6	21	14	28	8	1	1	1	1	3	10
Population	6	39	84	14	129	11	14	129	11	14	129	11
Rate per 100	16.7	15.4	25.0	100.0	21.7	72.7	7.1	0.8	9.1	7.1	2.3	90.9
Non-First Nations												
Count	6	6	110	50	122	23	1	1	0	7	23	33
Population	34	171	530	81	735	56	81	735	56	81	735	56
Rate per 100	17.6	3.5	20.8	61.7	16.6	41.1	1.2	0.1	0.0	8.6	3.1	58.9
Total												
Count	7	12	131	64	150	31	2	2	1	8	26	43
Population	40	210	614	95	864	67	95	864	67	95	864	67
Rate per 100	17.5	5.7	21.3	67.4	17.4	46.3	2.1	0.2	1.5	8.4	3.0	64.2

## 8. Influenza Vaccine Doses Administered, by Provider Type

■ Manitoba

■ By RHA

### Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1 to December 31, 2006, as entered into the MIMS database by April 2007.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## INF Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>MANITOBA</b>								
<b>Public Health Nurse</b>								
First Nations	Doses	85	806	655	0	6	0	1,552
	%	0.0	0.4	0.3	0.0	0.0	0.0	0.7
Non-First Nations	Doses	7,693	47,968	15,892	2	329	8	71,892
	%	3.5	21.6	7.2	0.0	0.1	0.0	32.4
TOTAL	Doses	7,778	48,774	16,547	2	335	8	73,444
	%	3.5	22.0	7.5	0.0	0.2	0.0	33.1
<b>Physician</b>								
First Nations	Doses	3	63	3	1,536	0	0	1,605
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
Non-First Nations	Doses	12	727	47	104,287	1	0	105,074
	%	0.0	0.3	0.0	47.0	0.0	0.0	47.4
TOTAL	Doses	15	790	50	105,823	1	0	106,679
	%	0.0	0.4	0.0	47.7	0.0	0.0	48.1
<b>First Nation/Tribal Council</b>								
First Nations	Doses	300	2,039	770	1	401	1	3,512
	%	0.1	0.9	0.3	0.0	0.2	0.0	1.6
Non-First Nations	Doses	120	491	218	0	72	0	901
	%	0.1	0.2	0.1	0.0	0.0	0.0	0.4
TOTAL	Doses	420	2,530	988	1	473	1	4,413
	%	0.2	1.1	0.4	0.0	0.2	0.0	2.0
<b>Other</b>								
First Nations	Doses	99	618	124	0	40	0	881
	%	0.0	0.3	0.1	0.0	0.0	0.0	0.4
Non-First Nations	Doses	11,973	11,090	4,106	2	9,244	2	36,417
	%	5.4	5.0	1.9	0.0	4.2	0.0	16.4
TOTAL	Doses	12,072	11,708	4,230	2	9,284	2	37,298
	%	5.4	5.3	1.9	0.0	4.2	0.0	16.8
<b>MANITOBA - Total</b>								
	Doses	20,285	63,802	21,815	105,828	10,093	11	221,834
	%	9.1	28.8	9.8	47.7	4.5	0.0	100.0

# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>10 - Winnipeg</b>								
<b>Public Health Nurse</b>								
First Nations	Doses	10	131	107	0	0	0	248
	%	0.0	0.1	0.1	0.0	0.0	0.0	0.2
Non-First Nations	Doses	1,920	13,917	4,912	0	36	1	20,786
	%	1.4	10.2	3.6	0.0	0.0	0.0	15.2
<b>TOTAL</b>	<b>Doses</b>	<b>1,930</b>	<b>14,048</b>	<b>5,019</b>	<b>0</b>	<b>36</b>	<b>1</b>	<b>21,034</b>
	<b>%</b>	<b>1.4</b>	<b>10.3</b>	<b>3.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.4</b>
<b>Physician</b>								
First Nations	Doses	3	63	3	1,204	0	0	1,273
	%	0.0	0.0	0.0	0.9	0.0	0.0	0.9
Non-First Nations	Doses	12	709	47	84,261	0	0	85,029
	%	0.0	0.5	0.0	61.8	0.0	0.0	62.4
<b>TOTAL</b>	<b>Doses</b>	<b>15</b>	<b>772</b>	<b>50</b>	<b>85,465</b>	<b>0</b>	<b>0</b>	<b>86,302</b>
	<b>%</b>	<b>0.0</b>	<b>0.6</b>	<b>0.0</b>	<b>62.7</b>	<b>0.0</b>	<b>0.0</b>	<b>63.3</b>
<b>Other</b>								
First Nations	Doses	61	463	33	0	34	0	591
	%	0.0	0.3	0.0	0.0	0.0	0.0	0.4
Non-First Nations	Doses	9,890	7,956	2,193	1	8,345	2	28,387
	%	7.3	5.8	1.6	0.0	6.1	0.0	20.8
<b>TOTAL</b>	<b>Doses</b>	<b>9,951</b>	<b>8,419</b>	<b>2,226</b>	<b>1</b>	<b>8,379</b>	<b>2</b>	<b>28,978</b>
	<b>%</b>	<b>7.3</b>	<b>6.2</b>	<b>1.6</b>	<b>0.0</b>	<b>6.1</b>	<b>0.0</b>	<b>21.3</b>
<b>10 - WINNIPEG - Total</b>		<b>Doses</b>	<b>11,896</b>	<b>23,239</b>	<b>7,295</b>	<b>85,466</b>	<b>3</b>	<b>136,314</b>
	<b>%</b>	<b>8.7</b>	<b>17.0</b>	<b>5.4</b>	<b>62.7</b>	<b>6.2</b>	<b>0.0</b>	<b>100.0</b>
<b>15 - Brandon</b>								
<b>Public Health Nurse</b>								
First Nations	Doses	5	23	83	0	0	0	111
	%	0.0	0.2	0.8	0.0	0.0	0.0	1.1
Non-First Nations	Doses	1,184	1,112	1,083	0	1	0	3,880
	%	11.3	15.4	10.4	0.0	0.0	0.0	37.1
<b>TOTAL</b>	<b>Doses</b>	<b>1,189</b>	<b>1,635</b>	<b>1,166</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3,991</b>
	<b>%</b>	<b>11.4</b>	<b>15.6</b>	<b>11.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>38.2</b>
<b>Physician</b>								
First Nations	Doses	0	0	0	78	0	0	78
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
Non-First Nations	Doses	0	1	0	5,356	0	0	5,357
	%	0.0	0.0	0.0	51.3	0.0	0.0	51.3
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5,434</b>	<b>0</b>	<b>0</b>	<b>5,435</b>
	<b>%</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>52.0</b>	<b>0.0</b>	<b>0.0</b>	<b>52.0</b>
<b>Other</b>								
First Nations	Doses	3	11	0	0	5	0	19
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Non-First Nations	Doses	57	315	0	0	631	0	1,003
	%	0.5	3.0	0.0	0.0	6.0	0.0	9.6
<b>TOTAL</b>	<b>Doses</b>	<b>60</b>	<b>326</b>	<b>0</b>	<b>0</b>	<b>636</b>	<b>0</b>	<b>1,022</b>
	<b>%</b>	<b>0.6</b>	<b>3.1</b>	<b>0.0</b>	<b>0.0</b>	<b>6.1</b>	<b>0.0</b>	<b>9.8</b>
<b>15 - BRANDON - Total</b>		<b>Doses</b>	<b>1,249</b>	<b>1,962</b>	<b>1,166</b>	<b>5,434</b>	<b>0</b>	<b>10,448</b>
	<b>%</b>	<b>12.0</b>	<b>18.8</b>	<b>11.2</b>	<b>52.0</b>	<b>6.1</b>	<b>0.0</b>	<b>100.0</b>

# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>20 - North Eastman</b>								
<b>Public Health Nurse</b>								
First Nations	Doses	3	13	20	0	0	0	36
	%	0.1	0.2	0.4	0.0	0.0	0.0	0.6
Non-First Nations	Doses	342	2,766	852	0	0	4	3,964
	%	6.0	48.7	15.0	0.0	0.0	0.1	69.8
TOTAL	Doses	345	2,779	872	0	0	4	4,000
	%	6.1	48.9	15.4	0.0	0.0	0.1	70.4
<b>Physician</b>								
First Nations	Doses	0	0	0	6	0	0	6
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Non-First Nations	Doses	0	0	0	839	0	0	839
	%	0.0	0.0	0.0	14.8	0.0	0.0	14.8
TOTAL	Doses	0	0	0	845	0	0	845
	%	0.0	0.0	0.0	14.9	0.0	0.0	14.9
<b>First Nation/Tribal Council</b>								
First Nations	Doses	34	372	87	0	23	0	516
	%	0.6	6.6	1.5	0.0	0.4	0.0	9.1
Non-First Nations	Doses	15	62	44	0	5	0	126
	%	0.3	1.1	0.8	0.0	0.1	0.0	2.2
TOTAL	Doses	49	434	131	0	28	0	642
	%	0.9	7.6	2.3	0.0	0.5	0.0	11.3
<b>Other</b>								
First Nations	Doses	0	3	0	0	0	0	3
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Non-First Nations	Doses	18	170	0	0	0	0	188
	%	0.3	3.0	0.0	0.0	0.0	0.0	3.3
TOTAL	Doses	18	173	0	0	0	0	191
	%	0.3	3.0	0.0	0.0	0.0	0.0	3.4
<b>20 - NORTH EASTMAN - Total</b>								
	Doses	412	3,386	1,003	845	28	4	5,678
	%	7.3	59.6	17.7	14.9	0.5	0.1	100.0
<b>25 - South Eastman</b>								
<b>Public Health Nurse</b>								
First Nations	Doses	1	4	0	0	0	0	5
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Non-First Nations	Doses	848	3,310	905	0	91	1	5,155
	%	11.7	45.8	12.5	0.0	1.3	0.0	71.3
TOTAL	Doses	849	3,314	905	0	91	1	5,160
	%	11.7	45.8	12.5	0.0	1.3	0.0	71.4
<b>Physician</b>								
First Nations	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	Doses	0	7	0	1,789	0	0	1,796
	%	0.0	0.1	0.0	24.7	0.0	0.0	24.8
TOTAL	Doses	0	7	0	1,790	0	0	1,797
	%	0.0	0.1	0.0	24.8	0.0	0.0	24.9
<b>Other</b>								
Non-First Nations	Doses	3	264	7	0	0	0	274
	%	0.0	3.7	0.1	0.0	0.0	0.0	3.8
TOTAL	Doses	3	264	7	0	0	0	274
	%	0.0	3.7	0.1	0.0	0.0	0.0	3.8
<b>25 - SOUTH EASTMAN - Total</b>								
	Doses	852	3,585	912	1,790	91	1	7,231
	%	11.8	49.6	12.6	24.8	1.3	0.0	100.0



# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
30 - Interlake								
Public Health Nurse	Doses	5	57	43	0	0	0	105
	%	0.0	0.5	0.3	0.0	0.0	0.0	0.9
Non-First Nations	Doses	513	5,545	967	0	0	0	7,025
	%	4.2	45.0	7.8	0.0	0.0	0.0	57.0
TOTAL	Doses	518	5,602	1,010	0	0	0	7,130
	%	4.2	45.4	8.2	0.0	0.0	0.0	57.8
Physician								
First Nations	Doses	0	0	0	52	0	0	52
	%	0.0	0.0	0.0	0.4	0.0	0.0	0.4
Non-First Nations	Doses	0	0	0	3,676	0	0	3,676
	%	0.0	0.0	0.0	29.8	0.0	0.0	29.8
TOTAL	Doses	0	0	0	3,728	0	0	3,728
	%	0.0	0.0	0.0	30.2	0.0	0.0	30.2
First Nation/Tribal Council								
First Nations	Doses	24	153	85	0	50	0	312
	%	0.2	1.2	0.7	0.0	0.4	0.0	2.5
Non-First Nations	Doses	7	38	13	0	11	0	69
	%	0.1	0.3	0.1	0.0	0.1	0.0	0.6
TOTAL	Doses	31	191	98	0	61	0	381
	%	0.3	1.5	0.8	0.0	0.5	0.0	3.1
Other								
First Nations	Doses	7	30	0	0	1	0	38
	%	0.1	0.2	0.0	0.0	0.0	0.0	0.3
Non-First Nations	Doses	437	496	0	0	124	0	1,057
	%	3.5	4.0	0.0	0.0	1.0	0.0	8.6
TOTAL	Doses	444	526	0	0	125	0	1,095
	%	3.6	4.3	0.0	0.0	1.0	0.0	8.9
30 - INTERLAKE - Total		Doses	993	6,319	1,108	3,728	186	12,334
		%	8.1	51.2	9.0	30.2	1.5	100.0
40 - Central								
Public Health Nurse	Doses	2	17	32	0	0	0	51
	%	0.0	0.1	0.2	0.0	0.0	0.0	0.3
Non-First Nations	Doses	372	3,858	1,861	1	0	2	6,094
	%	2.5	26.2	12.6	0.0	0.0	0.0	41.3
TOTAL	Doses	374	3,875	1,893	1	0	2	6,145
	%	2.5	26.3	12.8	0.0	0.0	0.0	41.7
Physician								
First Nations	Doses	0	0	0	89	0	0	89
	%	0.0	0.0	0.0	0.6	0.0	0.0	0.6
Non-First Nations	Doses	0	1	0	5,414	0	0	5,415
	%	0.0	0.0	0.0	36.7	0.0	0.0	36.7
TOTAL	Doses	0	1	0	5,503	0	0	5,504
	%	0.0	0.0	0.0	37.3	0.0	0.0	37.3
First Nation/Tribal Council								
First Nations	Doses	7	115	62	0	36	0	220
	%	0.0	0.8	0.4	0.0	0.2	0.0	1.5
Non-First Nations	Doses	3	19	12	0	6	0	40
	%	0.0	0.1	0.1	0.0	0.0	0.0	0.3
TOTAL	Doses	10	134	74	0	42	0	260
	%	0.1	0.9	0.5	0.0	0.3	0.0	1.8
Other								
First Nations	Doses	6	48	49	0	0	0	103
	%	0.0	0.3	0.3	0.0	0.0	0.0	0.7
Non-First Nations	Doses	1,060	1,183	496	0	0	0	2,739
	%	7.2	8.0	3.4	0.0	0.0	0.0	18.6
TOTAL	Doses	1,066	1,231	545	0	0	0	2,842
	%	7.2	8.3	3.7	0.0	0.0	0.0	19.3
40 - CENTRAL - Total		Doses	1,450	5,241	2,512	5,504	2	14,751
		%	9.8	35.5	17.0	37.3	0.3	100.0

# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
45 - Assiniboine								
Public Health Nurse	Doses	2	31	20	0	0	0	53
	%	0.0	0.2	0.1	0.0	0.0	0.0	0.4
First Nations	Doses	1,462	8,761	2,214	1	0	0	12,438
	%	10.2	61.1	15.4	0.0	0.0	0.0	86.7
Non-First Nations	Doses	1,464	8,792	2,234	1	0	0	12,491
	%	10.2	61.3	15.6	0.0	0.0	0.0	87.1
Physician								
First Nations	Doses	0	0	0	26	0	0	26
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Non-First Nations	Doses	0	0	0	1,228	0	0	1,228
	%	0.0	0.0	0.0	8.6	0.0	0.0	8.6
TOTAL	Doses	0	0	0	1,254	0	0	1,254
	%	0.0	0.0	0.0	8.7	0.0	0.0	8.7
First Nation/Tribal Council								
First Nations	Doses	26	257	91	0	1	0	375
	%	0.2	1.8	0.6	0.0	0.0	0.0	2.6
Non-First Nations	Doses	15	42	28	0	0	0	85
	%	0.1	0.3	0.2	0.0	0.0	0.0	0.6
TOTAL	Doses	41	299	119	0	1	0	460
	%	0.3	2.1	0.8	0.0	0.0	0.0	3.2
Other								
Non-First Nations	Doses	2	83	18	0	30	0	133
	%	0.0	0.6	0.1	0.0	0.2	0.0	0.9
TOTAL	Doses	2	83	18	0	30	0	133
	%	0.0	0.6	0.1	0.0	0.2	0.0	0.9
45 - ASSINIBOINE - Total		Doses	1,507	9,174	2,371	1,255	31	14,338
		%	10.5	64.0	16.5	8.8	0.2	100.0
60 - Parkland								
Public Health Nurse	Doses	18	91	25	0	0	0	134
	%	0.2	1.1	0.3	0.0	0.0	0.0	1.6
First Nations	Doses	717	4,991	896	0	0	0	6,604
	%	8.3	57.9	10.4	0.0	0.0	0.0	76.7
Non-First Nations	Doses	735	5,082	921	0	0	0	6,738
	%	8.5	59.0	10.7	0.0	0.0	0.0	78.2
Physician								
First Nations	Doses	0	0	0	77	0	0	77
	%	0.0	0.0	0.0	0.9	0.0	0.0	0.9
Non-First Nations	Doses	0	9	0	1,575	1	0	1,585
	%	0.0	0.1	0.0	18.3	0.0	0.0	18.4
TOTAL	Doses	0	9	0	1,652	1	0	1,662
	%	0.0	0.1	0.0	19.2	0.0	0.0	19.3
First Nation/Tribal Council								
First Nations	Doses	20	91	40	0	5	0	156
	%	0.2	1.1	0.5	0.0	0.1	0.0	1.8
Non-First Nations	Doses	14	21	20	0	0	0	55
	%	0.2	0.2	0.2	0.0	0.0	0.0	0.6
TOTAL	Doses	34	112	60	0	5	0	211
	%	0.4	1.3	0.7	0.0	0.1	0.0	2.4
Other								
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	Doses	0	0	1	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Doses	0	1	1	0	0	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - PARKLAND - Total		Doses	769	5,204	982	1,652	6	8,613
		%	8.9	60.4	11.4	19.2	0.1	100.0

# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>70 - Norman</b>								
Public Health Nurse	First Nations	Doses	5	158	79	0	4	246
		%	0.1	3.3	1.6	0.0	0.1	5.1
Non-First Nations		Doses	106	1,954	1,204	0	60	3,324
		%	2.2	40.8	25.1	0.0	1.3	69.3
TOTAL		Doses	111	2,112	1,283	0	64	3,570
		%	2.3	44.1	26.8	0.0	1.3	74.5
<b>Physician</b>								
First Nations		Doses	0	0	0	1	0	1
		%	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations		Doses	0	0	0	103	0	103
		%	0.0	0.0	0.0	2.1	0.0	2.1
TOTAL		Doses	0	0	0	104	0	104
		%	0.0	0.0	0.0	2.2	0.0	2.2
<b>First Nation/Tribal Council</b>								
First Nations		Doses	28	342	58	0	2	430
		%	0.6	7.1	1.2	0.0	0.0	9.0
Non-First Nations		Doses	14	203	26	0	0	243
		%	0.3	4.2	0.5	0.0	0.0	5.1
TOTAL		Doses	42	545	84	0	2	673
		%	0.9	11.4	1.8	0.0	0.0	14.0
<b>Other</b>								
First Nations		Doses	7	15	0	0	0	22
		%	0.1	0.3	0.0	0.0	0.0	0.5
Non-First Nations		Doses	299	108	18	0	0	425
		%	6.2	2.3	0.4	0.0	0.0	8.9
TOTAL		Doses	306	123	18	0	0	447
		%	6.4	2.6	0.4	0.0	0.0	9.3
70 - NORMAN - Total		Doses	459	2,780	1,385	104	66	4,794
		%	9.6	58.0	28.9	2.2	1.4	100.0
<b>80 - Burntwood</b>								
Public Health Nurse	First Nations	Doses	28	258	239	0	2	527
		%	0.6	5.2	4.8	0.0	0.0	10.6
Non-First Nations		Doses	177	1,153	963	0	141	2,434
		%	3.5	23.1	19.3	0.0	2.8	48.7
TOTAL		Doses	205	1,411	1,202	0	143	2,961
		%	4.1	28.3	24.1	0.0	2.9	59.3
<b>Physician</b>								
First Nations		Doses	0	0	0	2	0	2
		%	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations		Doses	0	0	0	35	0	35
		%	0.0	0.0	0.0	0.7	0.0	0.7
TOTAL		Doses	0	0	0	37	0	37
		%	0.0	0.0	0.0	0.7	0.0	0.7
<b>First Nation/Tribal Council</b>								
First Nations		Doses	161	709	347	1	284	1,503
		%	3.2	14.2	6.9	0.0	5.7	30.1
Non-First Nations		Doses	52	106	75	0	50	283
		%	1.0	2.1	1.5	0.0	1.0	5.7
TOTAL		Doses	213	815	422	1	334	1,786
		%	4.3	16.3	8.5	0.0	6.7	35.8
<b>Other</b>								
First Nations		Doses	13	12	0	0	0	25
		%	0.3	0.2	0.0	0.0	0.0	0.5
Non-First Nations		Doses	167	17	1	0	0	185
		%	3.3	0.3	0.0	0.0	0.0	3.7
TOTAL		Doses	180	29	1	0	0	210
		%	3.6	0.6	0.0	0.0	0.0	4.2
80 - BURNTWOOD - Total		Doses	598	2,255	1,625	38	477	4,994
		%	12.0	45.2	32.5	0.8	9.6	100.0

# Influenza Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>90 - Churchill</b>								
Public Health Nurse	First Nations	Doses	6	23	7	0	0	36
		%	2.9	11.1	3.4	0.0	0.0	17.4
Non-First Nations		Doses	52	86	33	0	0	171
		%	25.1	41.5	15.9	0.0	0.0	82.6
TOTAL		Doses	58	109	40	0	0	207
		%	28.0	52.7	19.3	0.0	0.0	100.0
90 - CHURCHILL - Total		Doses	58	109	40	0	0	207
		%	28.0	52.7	19.3	0.0	0.0	100.0
<b>95 - Unknown</b>								
Physician	Non-First Nations	Doses	0	0	0	11	0	11
		%	0.0	0.0	0.0	2.3	0.0	2.3
TOTAL		Doses	0	0	0	11	0	11
		%	0.0	0.0	0.0	2.3	0.0	2.3
Other	First Nations	Doses	2	33	36	0	0	71
		%	0.4	6.8	7.5	0.0	0.0	14.7
Non-First Nations		Doses	24	247	126	1	2	400
		%	5.0	51.2	26.1	0.2	0.4	83.0
TOTAL		Doses	26	280	162	1	2	471
		%	5.4	58.1	33.6	0.2	0.4	97.7
95 - UNKNOWN - Total		Doses	26	280	162	12	2	482
		%	5.4	58.1	33.6	2.5	0.4	100.0
<b>99 - Non-Manitoba</b>								
Public Health Nurse	Non-First Nations	Doses	0	15	2	0	0	17
		%	0.0	0.9	0.1	0.0	0.0	1.0
TOTAL		Doses	0	15	2	0	0	17
		%	0.0	0.9	0.1	0.0	0.0	1.0
Other	First Nations	Doses	0	2	6	0	0	8
		%	0.0	0.1	0.4	0.0	0.0	0.5
Non-First Nations		Doses	16	251	1,246	0	112	1,625
		%	1.0	15.2	75.5	0.0	6.8	98.5
TOTAL		Doses	16	253	1,252	0	112	1,633
		%	1.0	15.3	75.9	0.0	6.8	99.0
99 - NON-MANITOBA - Total		Doses	16	268	1,254	0	112	1,650
		%	1.0	16.2	76.0	0.0	6.8	100.0



## 9. Pneumococcal Vaccine Doses Administered, by Provider Type

■ Manitoba

■ By RHA

### Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1 to December 31, 2006, as entered into the MIMS database by April 2007.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
MANITOBA						
Public Health Nurse						
First Nations	Doses	42	0	0	0	42
	%	0.4	0.0	0.0	0.0	0.4
Non-First Nations	Doses	2,364	0	1	0	2,365
	%	25.2	0.0	0.0	0.0	25.2
TOTAL	Doses	2,406	0	1	0	2,407
	%	25.7	0.0	0.0	0.0	25.7
Physician						
First Nations	Doses	0	100	0	0	100
	%	0.0	1.1	0.0	0.0	1.1
Non-First Nations	Doses	16	5,645	0	0	5,661
	%	0.2	60.2	0.0	0.0	60.4
TOTAL	Doses	16	5,745	0	0	5,761
	%	0.2	61.3	0.0	0.0	61.4
First Nation/Tribal Council						
First Nations	Doses	301	0	27	0	328
	%	3.2	0.0	0.3	0.0	3.5
Non-First Nations	Doses	62	0	8	0	70
	%	0.7	0.0	0.1	0.0	0.7
TOTAL	Doses	363	0	35	0	398
	%	3.9	0.0	0.4	0.0	4.2
Other						
First Nations	Doses	37	0	0	0	37
	%	0.4	0.0	0.0	0.0	0.4
Non-First Nations	Doses	776	0	0	0	776
	%	8.3	0.0	0.0	0.0	8.3
TOTAL	Doses	813	0	0	0	813
	%	8.7	0.0	0.0	0.0	8.7
MANITOBA - Total	Doses	3,598	5,745	36	0	9,379
	%	38.4	61.3	0.4	0.0	100.0

# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>10 - Winnipeg</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	12	0	0	0	12
	%	0.2	0.0	0.0	0.0	0.2
Non-First Nations	Doses	828	0	0	0	828
	%	14.0	0.0	0.0	0.0	14.0
TOTAL	Doses	840	0	0	0	840
	%	14.2	0.0	0.0	0.0	14.2
<b>Physician</b>						
First Nations	Doses	0	75	0	0	75
	%	0.0	1.3	0.0	0.0	1.3
Non-First Nations	Doses	13	4,326	0	0	4,339
	%	0.2	73.4	0.0	0.0	73.6
TOTAL	Doses	13	4,401	0	0	4,414
	%	0.2	74.6	0.0	0.0	74.9
<b>Other</b>						
First Nations	Doses	24	0	0	0	24
	%	0.4	0.0	0.0	0.0	0.4
Non-First Nations	Doses	619	0	0	0	619
	%	10.5	0.0	0.0	0.0	10.5
TOTAL	Doses	643	0	0	0	643
	%	10.9	0.0	0.0	0.0	10.9
10 - WINNIPEG - Total		Doses	1,496	4,401	0	5,897
		%	25.4	74.6	0.0	100.0
<b>15 - Brandon</b>						
<b>Public Health Nurse</b>						
Non-First Nations	Doses	62	0	0	0	62
	%	10.6	0.0	0.0	0.0	10.6
TOTAL	Doses	62	0	0	0	62
	%	10.6	0.0	0.0	0.0	10.6
<b>Physician</b>						
First Nations	Doses	0	5	0	0	5
	%	0.0	0.9	0.0	0.0	0.9
Non-First Nations	Doses	0	486	0	0	486
	%	0.0	82.9	0.0	0.0	82.9
TOTAL	Doses	0	491	0	0	491
	%	0.0	83.8	0.0	0.0	83.8
<b>Other</b>						
First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
Non-First Nations	Doses	32	0	0	0	32
	%	5.5	0.0	0.0	0.0	5.5
TOTAL	Doses	33	0	0	0	33
	%	5.6	0.0	0.0	0.0	5.6
15 - BRANDON - Total		Doses	95	491	0	586
		%	16.2	83.8	0.0	100.0

# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>20 - North Eastman</b>						
Public Health Nurse Non-First Nations	Doses	147	0	0	0	147
	%	71.0	0.0	0.0	0.0	71.0
TOTAL	Doses	147	0	0	0	147
	%	71.0	0.0	0.0	0.0	71.0
Physician Non-First Nations	Doses	0	40	0	0	40
	%	0.0	19.3	0.0	0.0	19.3
TOTAL	Doses	0	40	0	0	40
	%	0.0	19.3	0.0	0.0	19.3
First Nation/Tribal Council First Nations	Doses	11	0	0	0	11
	%	5.3	0.0	0.0	0.0	5.3
Non-First Nations	Doses	3	0	0	0	3
	%	1.4	0.0	0.0	0.0	1.4
TOTAL	Doses	14	0	0	0	14
	%	6.8	0.0	0.0	0.0	6.8
Other Non-First Nations	Doses	6	0	0	0	6
	%	2.9	0.0	0.0	0.0	2.9
TOTAL	Doses	6	0	0	0	6
	%	2.9	0.0	0.0	0.0	2.9
20 - NORTH EASTMAN - Total		Doses	167	40	0	207
		%	80.7	19.3	0.0	100.0
<b>25 - South Eastman</b>						
Public Health Nurse First Nations	Doses	1	0	0	0	1
	%	0.5	0.0	0.0	0.0	0.5
Non-First Nations	Doses	98	0	0	0	98
	%	53.0	0.0	0.0	0.0	53.0
TOTAL	Doses	99	0	0	0	99
	%	53.5	0.0	0.0	0.0	53.5
Physician Non-First Nations	Doses	0	71	0	0	71
	%	0.0	38.4	0.0	0.0	38.4
TOTAL	Doses	0	71	0	0	71
	%	0.0	38.4	0.0	0.0	38.4
Other Non-First Nations	Doses	15	0	0	0	15
	%	8.1	0.0	0.0	0.0	8.1
TOTAL	Doses	15	0	0	0	15
	%	8.1	0.0	0.0	0.0	8.1
25 - SOUTH EASTMAN - Total		Doses	114	71	0	185
		%	61.6	38.4	0.0	100.0

# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>30 - Interlake</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	2	0	0	0	2
	%	0.3	0.0	0.0	0.0	0.3
Non-First Nations	Doses	231	0	0	0	231
	%	38.0	0.0	0.0	0.0	38.0
TOTAL	Doses	233	0	0	0	233
	%	38.3	0.0	0.0	0.0	38.3
<b>Physician</b>						
First Nations	Doses	0	7	0	0	7
	%	0.0	1.2	0.0	0.0	1.2
Non-First Nations	Doses	0	313	0	0	313
	%	0.0	51.5	0.0	0.0	51.5
TOTAL	Doses	0	320	0	0	320
	%	0.0	52.6	0.0	0.0	52.6
<b>First Nation/Tribal Council</b>						
First Nations	Doses	21	0	0	0	21
	%	3.5	0.0	0.0	0.0	3.5
Non-First Nations	Doses	2	0	0	0	2
	%	0.3	0.0	0.0	0.0	0.3
TOTAL	Doses	23	0	0	0	23
	%	3.8	0.0	0.0	0.0	3.8
<b>Other</b>						
First Nations	Doses	2	0	0	0	2
	%	0.3	0.0	0.0	0.0	0.3
Non-First Nations	Doses	30	0	0	0	30
	%	4.9	0.0	0.0	0.0	4.9
TOTAL	Doses	32	0	0	0	32
	%	5.3	0.0	0.0	0.0	5.3
<b>30 - INTERLAKE - Total</b>						
	Doses	288	320	0	0	608
	%	47.4	52.6	0.0	0.0	100.0
<b>40 - Central</b>						
<b>Public Health Nurse</b>						
Non-First Nations	Doses	176	0	0	0	176
	%	41.5	0.0	0.0	0.0	41.5
TOTAL	Doses	176	0	0	0	176
	%	41.5	0.0	0.0	0.0	41.5
<b>Physician</b>						
First Nations	Doses	0	1	0	0	1
	%	0.0	0.2	0.0	0.0	0.2
Non-First Nations	Doses	1	193	0	0	194
	%	0.2	45.5	0.0	0.0	45.8
TOTAL	Doses	1	194	0	0	195
	%	0.2	45.8	0.0	0.0	46.0
<b>First Nation/Tribal Council</b>						
First Nations	Doses	11	0	0	0	11
	%	2.6	0.0	0.0	0.0	2.6
Non-First Nations	Doses	2	0	0	0	2
	%	0.5	0.0	0.0	0.0	0.5
TOTAL	Doses	13	0	0	0	13
	%	3.1	0.0	0.0	0.0	3.1
<b>Other</b>						
First Nations	Doses	4	0	0	0	4
	%	0.9	0.0	0.0	0.0	0.9
Non-First Nations	Doses	36	0	0	0	36
	%	8.5	0.0	0.0	0.0	8.5
TOTAL	Doses	40	0	0	0	40
	%	9.4	0.0	0.0	0.0	9.4
<b>40 - CENTRAL - Total</b>						
	Doses	230	194	0	0	424
	%	54.2	45.8	0.0	0.0	100.0



# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>45 - Assiniboine</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
Non-First Nations	Doses	371	0	0	0	371
	%	76.7	0.0	0.0	0.0	76.7
TOTAL	Doses	372	0	0	0	372
	%	76.9	0.0	0.0	0.0	76.9
<b>Physician</b>						
First Nations	Doses	0	4	0	0	4
	%	0.0	0.8	0.0	0.0	0.8
Non-First Nations	Doses	0	104	0	0	104
	%	0.0	21.5	0.0	0.0	21.5
TOTAL	Doses	0	108	0	0	108
	%	0.0	22.3	0.0	0.0	22.3
<b>First Nation/Tribal Council</b>						
First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
Non-First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
TOTAL	Doses	2	0	0	0	2
	%	0.4	0.0	0.0	0.0	0.4
<b>Other</b>						
Non-First Nations	Doses	2	0	0	0	2
	%	0.4	0.0	0.0	0.0	0.4
TOTAL	Doses	2	0	0	0	2
	%	0.4	0.0	0.0	0.0	0.4
<b>45 - ASSINIBOINE - Total</b>						
	Doses	376	108	0	0	484
	%	77.7	22.3	0.0	0.0	100.0
<b>60 - Parkland</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	5	0	0	0	5
	%	1.3	0.0	0.0	0.0	1.3
Non-First Nations	Doses	226	0	0	0	226
	%	60.3	0.0	0.0	0.0	60.3
TOTAL	Doses	231	0	0	0	231
	%	61.6	0.0	0.0	0.0	61.6
<b>Physician</b>						
First Nations	Doses	0	7	0	0	7
	%	0.0	1.9	0.0	0.0	1.9
Non-First Nations	Doses	2	105	0	0	107
	%	0.5	28.0	0.0	0.0	28.5
TOTAL	Doses	2	112	0	0	114
	%	0.5	29.9	0.0	0.0	30.4
<b>First Nation/Tribal Council</b>						
First Nations	Doses	7	0	9	0	16
	%	1.9	0.0	2.4	0.0	4.3
Non-First Nations	Doses	6	0	5	0	11
	%	1.6	0.0	1.3	0.0	2.9
TOTAL	Doses	13	0	14	0	27
	%	3.5	0.0	3.7	0.0	7.2
<b>Other</b>						
Non-First Nations	Doses	3	0	0	0	3
	%	0.8	0.0	0.0	0.0	0.8
TOTAL	Doses	3	0	0	0	3
	%	0.8	0.0	0.0	0.0	0.8
<b>60 - PARKLAND - Total</b>						
	Doses	249	112	14	0	375
	%	66.4	29.9	3.7	0.0	100.0

# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>70 - Norman</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	8	0	0	0	8
	%	4.1	0.0	0.0	0.0	4.1
Non-First Nations	Doses	148	0	1	0	149
	%	75.1	0.0	0.5	0.0	75.6
TOTAL	Doses	156	0	1	0	157
	%	79.2	0.0	0.5	0.0	79.7
<b>Physician</b>						
Non-First Nations	Doses	0	2	0	0	2
	%	0.0	1.0	0.0	0.0	1.0
TOTAL	Doses	0	2	0	0	2
	%	0.0	1.0	0.0	0.0	1.0
<b>First Nation/Tribal Council</b>						
First Nations	Doses	17	0	0	0	17
	%	8.6	0.0	0.0	0.0	8.6
Non-First Nations	Doses	5	0	0	0	5
	%	2.5	0.0	0.0	0.0	2.5
TOTAL	Doses	22	0	0	0	22
	%	11.2	0.0	0.0	0.0	11.2
<b>Other</b>						
Non-First Nations	Doses	16	0	0	0	16
	%	8.1	0.0	0.0	0.0	8.1
TOTAL	Doses	16	0	0	0	16
	%	8.1	0.0	0.0	0.0	8.1
70 - NORMAN - Total	Doses	194	2	1	0	197
	%	98.5	1.0	0.5	0.0	100.0
<b>80 - Burntwood</b>						
<b>Public Health Nurse</b>						
First Nations	Doses	12	0	0	0	12
	%	3.1	0.0	0.0	0.0	3.1
Non-First Nations	Doses	73	0	0	0	73
	%	18.6	0.0	0.0	0.0	18.6
TOTAL	Doses	85	0	0	0	85
	%	21.7	0.0	0.0	0.0	21.7
<b>Physician</b>						
First Nations	Doses	0	1	0	0	1
	%	0.0	0.3	0.0	0.0	0.3
Non-First Nations	Doses	0	3	0	0	3
	%	0.0	0.8	0.0	0.0	0.8
TOTAL	Doses	0	4	0	0	4
	%	0.0	1.0	0.0	0.0	1.0
<b>First Nation/Tribal Council</b>						
First Nations	Doses	233	0	18	0	251
	%	59.4	0.0	4.6	0.0	64.0
Non-First Nations	Doses	43	0	3	0	46
	%	11.0	0.0	0.8	0.0	11.7
TOTAL	Doses	276	0	21	0	297
	%	70.4	0.0	5.4	0.0	75.8
<b>Other</b>						
First Nations	Doses	3	0	0	0	3
	%	0.8	0.0	0.0	0.0	0.8
Non-First Nations	Doses	3	0	0	0	3
	%	0.8	0.0	0.0	0.0	0.8
TOTAL	Doses	6	0	0	0	6
	%	1.5	0.0	0.0	0.0	1.5
80 - BURNWOOD - Total	Doses	367	4	21	0	392
	%	93.6	1.0	5.4	0.0	100.0

# Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2006

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>90 - Churchill</b>						
Public Health Nurse						
First Nations	Doses	1	0	0	0	1
	%	50.0	0.0	0.0	0.0	50.0
Non-First Nations	Doses	1	0	0	0	1
	%	50.0	0.0	0.0	0.0	50.0
TOTAL	Doses	2	0	0	0	2
	%	100.0	0.0	0.0	0.0	100.0
90 - CHURCHILL - Total		2	0	0	0	2
	%	100.0	0.0	0.0	0.0	100.0
<b>95 - Unknown</b>						
Physician						
Non-First Nations	Doses	0	2	0	0	2
	%	0.0	14.3	0.0	0.0	14.3
TOTAL	Doses	0	2	0	0	2
	%	0.0	14.3	0.0	0.0	14.3
Other						
First Nations	Doses	3	0	0	0	3
	%	21.4	0.0	0.0	0.0	21.4
Non-First Nations	Doses	9	0	0	0	9
	%	64.3	0.0	0.0	0.0	64.3
TOTAL	Doses	12	0	0	0	12
	%	85.7	0.0	0.0	0.0	85.7
95 - UNKNOWN - Total		12	2	0	0	14
	%	85.7	14.3	0.0	0.0	100.0
<b>99 - Non-Manitoba</b>						
Public Health Nurse						
Non-First Nations	Doses	3	0	0	0	3
	%	37.5	0.0	0.0	0.0	37.5
TOTAL	Doses	3	0	0	0	3
	%	37.5	0.0	0.0	0.0	37.5
Other						
Non-First Nations	Doses	5	0	0	0	5
	%	62.5	0.0	0.0	0.0	62.5
TOTAL	Doses	5	0	0	0	5
	%	62.5	0.0	0.0	0.0	62.5
99 - NON-MANITOBA - Total		8	0	0	0	8
	%	100.0	0.0	0.0	0.0	100.0